

Field Notes

W. A. Archer

Book H

3462-5036



Begin H-270

H-270 Oat leaf rust on cult. oats at
Expt Sta. Bello Horizonte Brazil 8-5-36

H-271 Rust on Serjania
Lagoa Santa, M. Gerais Brazil
8-4-36. On young shoot, at root.

H-272 Rust on Arachis glabrata
XJ Campo Grande, M. G. Brazil 9-11-36

XH

H-273 Rust on Lupinus #4303

XJ

H-274 Rust on Arachis #4429

H-275 Fungus on Grass #4618

H-276 " " Arachis 4624

B-2-B-1

**Manufactured by
U. S. Government Printing Office**

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Field Collections Data

for
Arachis Expedition
in Brazil, Uruguay,
Paraguay, Bolivia &
Argentina. - 1936

by
W. A. Bracher

Abbreviations

F = Fungus or disease specimen

NHS = No herbarium specimen made

P = Photograph

RCT = Root cuttings introduction (includes bulb etc.)

SCT = Stem " "

Sdlg I = Seedling introduction

SI = Seed introduction

An X followed by initial at margin
indicates dup. material sent
as follows

X J = Jardim Botânico Rio de Janeiro

X S = Tob seed & Sarmiento at B. Horizonte

X H = Spec sent to Hoehne.

X B = " " Mello Barreto

X K = " " Krug at Campinas

(Begin # 3462) wrong number was
year 1937

The numbers are duplicated (see preceding
note book.)
But must keep the orig. field here.

~~40~~

~~3462~~

Arachis glabrata

3462 Jardim Botânico, Rio de Janeiro
Brazil 7-18-36. Seed originally
from the Matto Grosso. Blooms
in gardens in June. One plant only
which has diam about 5 ft. across
prostrate, rooting freely at nodes.

Sdls. I. 3462 (16 plants)

~~40~~

34

~~34~~

63 Grass

Quinta Boa Vista, D.F. Brazil
7-22-36.

~~40~~

34

~~34~~

64 *Lycopersicon esculentum* N HS

Market Rio de Janeiro, 7-23-36

Very common. Frt. red & look much
like a plum. Irregularly globose
4 x 5 (4-5 x 4-4.5) cm. "Sao Paulo" var.
S.I. 3464 (2 locular)

~~40~~ 34

~~34~~

65 Cult strawberry N HS

Market Rio de Janeiro, 7-23-36

Said to be grown in Federal District

S I 3465.

~~40~~ 34

~~34~~

66 Cult pea

"Ervilha"

Market, Rio de Janeiro, 7-23-36

Pods are large, when ^{seed} half mature.

human
are used as food. i.e. boiled ~~pot~~ without shelling.
SI 3466

~~4034~~

~~34~~ 67 Cult pea

Ditto local. Same type as 3466.

SI 3467

~~4034~~

~~34~~ 68 Cult. cantaloup

"melão"

Ditto local.

SI 3468

~~4034~~

~~34~~ 69 *Cucumis anguria*.
Sechium sp.

"maxixe"

Ditto local. Small frt. like round,
spiny cucumber, spiny, boiled as
vegetable or raw as cucumber

SI 3469

~~4034~~

~~34~~ 70 Cult okra

"Quiabo"

Ditto local

SI 3470

~~4034~~

~~34~~ 71 Cult cucumber

"Pepino"

Ditto local

SI 3471

~~4034~~

~~34~~ 72 Cult Tomato

"Tomate Grande"

Ditto local

SI 3472

~~40~~ 34

~~34~~ 73 Cult Turnip

"habica"

Ditto local

SI 3473

note 3474-3496 Purchased. Ao Turbarão[#]
(See List)

~~40~~ ~~34~~ 74 Cult watermelon

~~34~~ "melancia do Rio Grande"

Ditto local

SI 3474

~~40~~ 34

~~34~~ 75 mucuna sp.

"Feijão mucuna branco"

Used as forage plant. Seed
originally from Peru. used at Deodora
Expt Sta. as green
manure for citrus
seedlings.

SI 3475

~~34~~ 34

~~34~~ 76 mucuna

"mucuna preta"

used at Deodora Expt
Sta. as green manure
for citrus seedlings.

Cult forage. Seed orig. from Peru

SI 3476

~~34~~ 34

~~40~~ ~~34~~ 77 Cult oats

"aveia"

Said to be orig. from

Peru.

SI 3477

~~40~~³⁴

~~34~~¹ 78 Cult onion

"Cebolla Rio Grande"

Dith local. Only onion seen in market. (yellow golden) skin.

SI 3478.

~~40~~³⁴

~~34~~¹ 79 Cult chives

"Cebolinho"

Dith local

SI 3479

~~40~~³⁴

~~34~~¹ 80 Cult Watermelon

"Melancia Sta Barbara"

Dith local.

SI 3480

~~40~~³⁴

~~34~~¹ 81 Cult eggplant

"Filo" Rio de J.

Dith local (This may be Solanum gilo)

SI 3481

~~40~~³⁴

~~34~~¹ 82 Cult broccoli

"Couve brocolo"

Dith local.

SI 3482

4034

~~34~~ 83 Cult Chinese cabbage

" Couve da China Gak-Choy "

Dith local.

SI 3483

4034

~~39~~ 84 Cult tob

" Fumo "

Said to be mixed var. grown in

Federal District

Dith local.

SI 3484

4034

~~34~~ 85 Cult. pickle cucumber

" Pepino pra conserva "

Dith local.

SI 3485

4034

~~34~~ 86 Cult okra

" Quiabo chipre verde "

Dith local

SI 3486

4034

~~34~~ 87 Cult cantaloupe

" melão Carailon "

Dith local

SI 3487

~~4034~~
~~5488~~ Cult pumpkin
"Abobora Brasileira Assuearda"
Ditto local.

SI 3488

~~4034~~
~~5489~~ Cult tomato
"Tomate garrafinha"
Ditto local.

SI 3489

~~4034~~
~~5490~~ Cult tomato
"Tomate Rio Grande de fosso"
Ditto local.

SI 3490

~~4034~~
~~5491~~ Cult tomato
"Tomate Paulista Japonês"
Ditto local

SI 3491

~~4034~~
~~5492~~ Cult asparagus
"Espargos"
Ditto local.

SI 3492

~~4034~~

~~3493~~ Cult Kale?

"Couve manteiga (means 'butter cabbage')"

Both local

SI 3493

~~4034~~

~~3494~~ *Securium*

cucumis anguria

"marixe" Cult as vegetable

Both local ^{Fruits} Eaten raw or in salads

SI 3494

~~4034~~

~~3495~~ Cult turnip

"Couve Nabiga" (apparently a type used for turnip greens)

Both local

SI 3495

~~4034~~

~~3496~~ Cult turnip

"Nabiga"

Both local

SI 3496

~~4034~~

~~3497~~ Cult garlic

"Allo" Said to be locally grown

Both local 7-25-36

~~40~~ Sdlg I 3497

~~3498~~ Cult garlic

~~34-1~~ "Allo" Said to be imported from Argentina

Both local.

Sdlg I 3498

~~4134~~

~~3499~~ Cult peanut

Wholesale store Rio de Janeiro Brazil
7-25-36. Brown - State Minas
Geraes.

SI3499

~~4135~~

~~3500~~ Cult peanut

With source. "Tatu"

From Sao Paulo Considered
to be best grade

SI3500

~~4135~~

~~3501~~ Cult peanut

With source "Tatu"

From ^{State of} Santa Catarina. Common type

SI3501

~~4135~~

~~3502~~ Cult peanut

With source. "Paraguay type."
Consider best. From Rio Grande do
Sul

SI3502

~~4135~~

~~3503~~ Cult peanut

Rio de Janeiro 7-28-36

Purchased in grocery store

Said to be from State Sao Paulo

SI3503

4/35

~~3504~~ Cult potato

Ruth local. "Branca" (white) var.

Grown in State Rio Grande do Sul

RCE 3504 (tubers)

4/35

~~3505~~ Cult potato

Ruth local. "Amarella" var.

Grown in State Rio Grande do Sul

RCE 3505 (tubers)

4/35

~~3506~~ Cult tob

Rio de Janeiro Brazil 7-29-36

Seed orig. from State Bahia where
best grades are grown.

Var. "São Gonçalo"

Seed supplied thru ⁵ Nat. Dept. Agr. in
Rio Janeiro

SI 3506

4/35

~~3507~~ Volunteer Tobacco

Quintino Bocaiuva, a station on
interurban train between Rio de Janeiro
& Belem. 7-29-36 Growing in yard.

⁴¹³⁵
H ~~3508~~ - ~~3558~~ ⁴¹³⁵ ~~3561~~

all were

¹ Purchased seed store "Flora Barbacenenae"

Jose A. Souza & Cia.

Av. Affonso Penna 716

Bello Horizonte Minas Geraes.

Brazil

8-1-36

all seed said to be ^{grown} produced in

at seed garden of the firm near Bello

Horizonte.

N.H.S. Seed only.

⁴¹³⁵
~~3508~~ Boussingaltia baselloides

¹ "Bertalha folha larga" Cult as greens

⁴¹³⁵
~~3509~~ Broccoli

¹ "couve broculos"

⁴¹³⁵
~~3510~~ Cult radish (long)

¹ "Rabanete comprido"

⁴¹³⁵
~~3511~~ Cult pimento

¹ "Pimentão Gigante"

⁴¹³⁵

~~3512~~ Cult Japanese turnip

¹ "Nabo japonês"

⁴¹³⁵

~~3513~~ Cult red turnip

¹ "nabo rôxo"

~~4135~~
~~35~~14 Cult curly cabbage
"Repolho crespo"

~~4135~~
~~35~~15 Cult cucumber
"Pepino"

~~4135~~
~~35~~16 Cult smooth mustard
"Mostarda lisa"

~~4135~~
~~35~~17 Cult Italian pumpkin
"Abobora Italiana"

~~4135~~
~~35~~18 Cult yellow pumpkin
"Abobora amarella"

~~4135~~
~~35~~19 Cult white eggplant
"Gilo branco"

~~4135~~
~~35~~20 Cult melon &
"melão casca de carvalho" (round of oak)

~~4135~~
~~35~~21 Cult spinach
"Espinafre"

~~4135~~
~~35~~22 Cult water cress
"Agrião d'agua"

~~41~~ ³⁵
~~35~~ 23 Barbarea praecox
1 "Agrião da terra" Cult. as ~~table~~ garnish

~~41~~ ³⁵
~~35~~ 24 Cult celery
1 "Aipo branco"

~~41~~ ³⁵
~~35~~ 25 ^{cult} Asparagus
1 "Asparagos"

~~41~~ ³⁵
~~35~~ 26 Cult watermelon
1 "melancia"

~~41~~ ³⁵
~~35~~ 27 Cult lettuce
1 "Alface sem rival"

~~41~~ ³⁵
~~35~~ 28 Cult white onion
1 "Cebola branca"

~~41~~ ³⁵
~~35~~ 29 Cult Italian endive
1 "Almeirão Italiano"

~~41~~ ³⁵
~~35~~ 30 Cult carrot (medium long)
1 "Cenoura 1/2 longa"

~~41~~ ³⁵
~~35~~ 31 Cult pumpkin
1 "Abóbora menina"

~~355~~

41/35

~~35~~ 32 Cult Brassica (rutabaga)

"Couve rabano rôxo"

41/35

~~35~~ 33 Cult cauliflower

"Couve flor da Algeria"

41/35

~~35~~ 34 Cult Brassica

"Couve branchuda"

41/35

~~35~~ 35 Cult white endive

"Almeirão branco"

41/35

~~35~~ 36 Cult head lettuce

"Alface repolhuda"

41/35

~~35~~ 37 Rumex acetosa

"Azedinha" Cult as greens - Brazil

41/35

~~35~~ 38 Cult yellow onion

"Cebolha amarela das Canárias"

41/35

~~35~~ 39 Cult dwarf bean

"Feijão anão"

41/35

~~35~~ 40 Cult curly mustard

"Mostarda crespa"

~~41~~³⁵
~~35~~ 41 Cult dwarf pea
"Ervilha anã"

~~41~~³⁵
~~35~~ 42 Cult egg plant (red round)
"Berungela roxa redonda"

~~41~~³⁵
~~35~~ 43 Cult pear tomato
"Pera Tomato Pêra"

~~41~~³⁵
~~35~~ 44 Cult large smooth tomato
"Tomato Grande Liso"

~~41~~³⁵
~~35~~ 45 Cult perennial spinach
"Espinafre perpetual"

~~41~~³⁵
~~35~~ 46 Cult turnip
"Nabiga"

~~41~~³⁵
~~35~~ 47 Cult pickle cucumber
"Pepino para conserva"

~~41~~³⁵
~~35~~ 48 Cult ^{green} shell bean
"Feijão de vagem"

~~41~~³⁵
~~35~~ 49 Cult cauliflower
"Couve Flor Gigante"

3550 - 3558

~~41~~
~~3550~~

"Couve todo anno"

~~41~~

~~3551~~ Cult giant pumpkin
"Abobora balia"

~~41~~

~~3552~~ Cult Tomato

"Tomate Rei Umberto"

~~41~~

~~3553~~ Cult long radish
"Rabete longo"

~~41~~

~~3554~~ Cult leek
"Alho porro"

~~41~~

~~3555~~ Cult cucumber (long green)
"Pepino verde comprido"

~~41~~

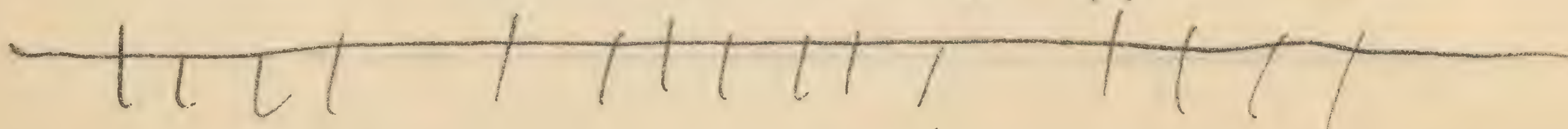
~~3556~~ Cult red cabbage
"Repolho roxo"

~~41~~

~~3557~~ Cult red onion
"Cebola roxa"

~~41~~

~~3558~~ Cult pea (red flowered)
"Ervilha torta de flor roxa"



3559-3566

~~41~~ 3559 Cult carnation^{or} (~~2~~) pink
"Gravos extra"

~~41~~ 3560 Cult carnation ~~or pink~~ (mixed)
"Gravos dobrados variados"

~~41~~ 3561 Cult dahlia (single, mixed)
"Dahlia simple varié"

~~41~~ note ~~3562~~ - ~~3581~~ Seed spec. only
Purchased small seed store
Bello Horizonte, Estado Minas Geraes,
Brazil 8-1-36 N.H.S.

~~41~~ 3562 Cult pea (red flowered?)
"Ervalha Torta"

~~41~~ 3563 Cult mustard
"Mustardão Beliche"

~~41~~ 3564 Cult yellow onion
"Cebola amarela"

~~41~~ 3565 Cult Italian white onion
"Cebola Branca Italiana"

~~41~~ 3566 Cult radish
"Rabanete "Isaias"

3567-3575

~~41~~
~~3567~~ Cult curly Chinese mustard
"Mostarda crespa da China"

~~41~~
~~3568~~ Cult white endive
"Almeirão branco"

~~41~~
~~3569~~ Cult Italian cucumber
"Pepino Italiano verde comprido"

~~41~~
~~3570~~ Cult red long eggplant
"Beringela roxa comprida"

~~41~~
~~3571~~ Cult watermelon
"Melancia"

~~41~~
~~3572~~ Cult pumpkin
"Abóbora Não Lastra"

~~41~~
~~3573~~ Cult squash
"Courge d'~~the~~ Italie ou Coucourzelle"

~~41~~
~~3574~~ Cult curly endive
"Chicoree crespa"

~~41~~
~~3575~~ Cult carrot (medium long)
"Cenoura vermelha meia comprido"

3576 - 3582

~~41~~
~~35~~76 Cult lettuce
"Alface São Francisco"

~~41~~
~~35~~77 cult okra

~~41~~
~~35~~78 cult cabbage
"Repolho novidade"

~~41~~
~~35~~78a cult white German Cabbage
"Repolho alemão branco"

~~41~~
~~35~~79 cult cauliflower
"Couve flor Philomena"

~~41~~
~~35~~80 cult smooth crimson tomato
"Tomatão liso vermelho"

~~41~~
~~35~~81 cult cabbage
"Repolho de S. Diniz"

~~41~~
~~35~~82 - ~~41~~
~~35~~85

Purchased in various shops

Bello Horizonte Minas Geraes

8-1-36.

NHS (Seed only)

~~41~~
~~35~~82 Cult peanut

said to be from São Paulo

3583 - 3586

~~41~~ 3583 *Vicia faba*
~~55~~ Cult ~~bean~~

"Fabas" grown at Capella
Nova, Minas Geraes Brazil.

~~41~~ 3584 Cult ^{*lupine*}
~~55~~ ~~pulse~~ ?

"Tremozo" From the
Argentina.

~~41~~ 3585 *Araucaria brasiliensis* A Rich
"Pinhão de Barbacena"

~~Said to be~~ Native in state Minas Geraes
Sold commonly in shops as edible
nuts.

~~41~~ 3586 Volunteer tobacco N #5

Bello Horizonte, Minas Geraes

8-2-36. Growing in vacant lot.

Plants 8 feet ~~Flw Corolla~~ Flw

pale ~~to~~ green, edges of corolla

tinged dull pink. L.v. not very gummy.

SI 3586

Note ~~41~~ 3587 - ~~41~~ 3602

Purchased at market Bello

Horizonte, Minas Geraes, Brazil

8-2-36

NHS (Seed only)

3587-3594

~~41~~
~~3587~~ Cult peanut

Grown in state of Minas Geraes.

~~41~~
~~3588~~ Cult peanut

Grown in state São Paulo

~~41~~
~~3589~~ Cult peanut

Grown in state of Minas Geraes

~~41~~
~~3590~~ Cult peanut

Grown in state of Minas Geraes

~~41~~
~~3591~~ Cult rice

"Minera" Grown in ^{state} Minas Geraes

~~41~~
~~3592~~ Cult rice

"Triangulo"

Grown in state of Minas Geraes

~~41~~
~~3593~~ Cult popcorn

"milho alho"

Grown locally

~~41~~
~~3594~~ Cult popcorn

"milho pipoco"

Grown locally.

3595 - 3601

41
~~3595~~ Cult popcorn
"Milho pipoco"
Grown locally

41
~~3596~~ Cult popcorn
"Milho alho"
Grown locally

41
~~3597~~ ^{Vigna sinensis} Cult bean
"Feijão ^{miúdo} ~~menudo~~"
Grown locally

41
~~3598~~ Cult bean
"Feijão carioca"
Grown locally

41
~~3599~~ Cult bean
"Feijão enxofre"
Grown locally

42
~~3600~~ Cult pea
"Ervilha"
Grown at locally

42
~~3601~~ Cult popcorn
"Milho pipoco"
Grown at Serra Minas

3602-3208

⁴²
~~3602~~ *Lactuca sativa longifolia*
"Alface romana"
~~Bello~~

~~3603 Cult white Italian Onion~~
~~"Cebola brama Italiana"~~

⁴²~~3603~~ — ³⁵~~3615-3617~~ 4217 alt. ~~8600~~ meters
Collected Lagoa Santo, Minas
Geraes, Brazil 8-3-36

⁴²
~~3603~~ Composite
Flw white

⁴²
~~3604~~ Gram.

⁴²
~~3605~~ *Eriosema*
Flw yellow

⁴²
~~3606~~ *Serjania*
Flw white

⁴²
~~3607~~ monocot
Flw purple. Aquatic

⁴²
~~3608~~ *Passiflora*
Vine 4-5 ft Flw white

3609-3616

42

~~3609~~ Cassia

Prostrate Flw yellow-brown

42

~~3610~~ Eriosema

Plant 2-3 ft. stems brittle, lo gummy
Standard red outside, yellow inside
Keel ~~yellow~~ green wings yellow

SI 3610

42

~~3611~~ Galactia

Poot strong odor Standard & wings
red keel white

42

~~3612~~ monocot

Flw white, In mud

42

~~3613~~ Tephrosia

~~(see 3635)~~

~~SI 3613~~ SI 3613

42

~~3614~~ ^{Eriocaulon} ~~monocot~~

Aquatic

42

~~3615~~ Composite

42

~~3616~~ Val. tob.

NH5

In dooryard

Plant 3 ft high, Corolla greenish white
below, margin mottled ~~red~~ ^{red}. lo not very
gummy.

SI 3616

3617 - 3620

⁴²
~~3617~~ Volunteer tobacco N H S
Dooryard
Plant 8 ft. Lvs. slightly gummy
Corolla margin
Fls., dark red

⁴²
X 5 ~~3618~~ Volunteer top. N. H S
Dooryard
Venda Nova, Estado Minas Gerais
Brazil 8-3-36
Plant 8 ft., Lvs. slightly gummy
Corolla greenish, margin dirty white
SI 3618

⁴²
X 5 ~~3619~~ Volunteer Tob N H S
Detls local. Dooryard
Plant 8 ft., Lvs. slightly gummy
Corolla greenish at first & then
pink tipped.
SI 3619

⁴²
H ~~3620~~ - ~~3634~~ ⁴²

Tobacco seed presented by Sr. Sarmiento,
Servico de
Fomento do Fumo, Secretaria da
Agricultura do Estado de Minas
Gerais. Selected & pure strain seed.
Bello-Horizonte, Minas Gerais, Brazil
8-3-36.

⁴²
~~3620~~ Cult tobacco
"Caethe (Minas)

3621-3629

~~42~~
~~36~~ 21 Cult to b.
"Matla" (Minas)

~~42~~
~~36~~ 22 Cult to b
"Pitanguy" (Minas)

~~42~~
~~36~~ 23 Cult to b
"Descalvado" (Minas)

~~42~~
~~36~~ 24
"Azul" (Minas)

~~42~~
~~36~~ 25
"Oliveira" (Minas)

~~42~~
~~36~~ 26
"Ouro" (Minas)

~~42~~
~~36~~ 27
"Belém" (Bahia)

~~42~~
~~36~~ 28
"Amaro" (Bahia)

~~42~~
~~36~~ 29
"Cachoeira" (Bahia)

3620 - 3635

~~42~~

~~3630~~ Cult Tob.

"Cruz das Almas" (Bahia)

~~42~~

~~3631~~ Cult Tob.

"São Gonçalo" (Bahia)

~~42~~

~~3632~~ Cult Tob

"Goyano" Important & well known type.

~~42~~

~~3633~~ Cult Tob.

"Marianaense"

~~42~~

~~3634~~ Cult Tob

"Paraense"

~~42~~

~~3635~~ - ~~3662~~ 4266

Fazenda da Gamellaíra,

Collected at Expt. Sta., Bello-Horizonte

Minas Geraes Brazil 8-4-36

~~42~~

~~3635~~ Tephrosia

plant prostrate

Cult. as cover crop. Standard wings

rose red; keel white. Return one

spec. to Dr. Barreto when identified

SI 3635 ~~See # 3613~~

3636 - 3639

42

~~36~~ 36 *Phaseolus panduratus*

Cult as cover crop. Prostrate, stems making dense weaving. Would be good erosion plant & forage. Is native of north east Brazil from extremely arid regions.

Flw dark purple, flowers on young shoot old stems rooting at nodes, ^{3 meters across} forming arcs

"Orô" (See 3662) (See foto R-75-3)

~~SI 3636~~

42

~~36~~ 37 *Crotalaria*

NHS

Cult as experimental forage crop.

Is native to Brazil

SI 3637

42

~~36~~ 38 *Pachyrhizus tuberosus* NHS

Cult in experimental plots

(red-seeded var)

"Jacatupé" Native to Brazil

SI ⁴²~~36~~ 38

42

~~36~~ 39 *Pachyrhizus tuberosus* NHS

"Jacatupé" ~~Red~~ Black seeded var.

Experimental plots of Station.

SI ⁴²~~36~~ 39

~~42~~
~~3640~~ *Centrosema pubescens* N.H.S.
 From experimental plots
SI 3640

~~42~~
~~3641~~ *Calapogonium frachycarpum*
 Expt plots "Falso Oro"
SI 3641 Indigenous forage.
 Note 3642-3662 to Herb. Spec)

~~42~~
~~3642~~ *Poa nemoralis* L. or
 "Capim Sempre Verde" *Panicum maximum*
 var. *gongylodes* from
 Guinea
 Cult forage
SI

~~42~~
~~3643~~ *Meibomia barbata* Ktze.
 "Barbadinho" Cult forage

SI
~~42~~
~~3644~~ *Euchlaena mexicana* Schrad.
 "Theosinto" Cult forage

SI
~~42~~
~~3645~~ *Crotalaria juncea*
 Cult forage + fiber crop.

SI
~~42~~
~~3646~~ *Phaseolus* sp.
 Cult forage

SI
~~42~~
~~3647~~ *Helianthus annuus* L.
 "Cirasol preto" Cult. for ^{oil of} seed.
 Selected strain.

SI

~~42~~3648 *Pennisetum setosum* (Swartz) Rich.

"Capim elefante brasileiro"

Cult forage.

SI~~42~~3649 *Paspalum virgatum* L.*Pennisetum*?"Capim murumbú" or Capim
Colonião" Native - northern part of
State. Cult forage"SI~~42~~

3650. Legume.

"Cabraia"

Cult forage.

SI~~42~~3651 *Helianthus annuus* L.

"Girasol branco"

Cult for oil ~~for~~ from seed. Said
to ~~be~~ yield better than # 3647.

Selected strain.

SI~~42~~3652 *Crotalaria striata*

Cult forage.

SI~~42~~3653 *Crotalaria retusa*

Cult forage & fiber.

SI~~42~~3654 *Zea mays tunicata*

From "milho indigeno" (milho alho)"

SI

3655-3661

~~42~~
~~3655~~ *Crotalaria anagyroides*
Cult. forage.
SI

~~42~~
~~3656~~ *Crotalaria usaramoensis*
Cult forage
SI

~~42~~
~~3657~~
"Capim gengibre"
Cult forage grass

~~42~~ SI
~~3658~~ *Vicia villosa*
cult forage

~~42~~ SI
~~3659~~ *Glycine hispida*
"Feijão chinês"
Cult forage

~~42~~ SI
~~3660~~ Cult peanut
"Amendoim paulista" "Garnelleira"
Said to be cross between A.
nanbyguara + var. "Jumbo"
(note "Jumbo" may be misspelling of
"Jumbo")

~~42~~ SI
~~3661~~ *Clitoria ternata*
Cult forage
SI

3662-3665

⁴²
~~3662~~ Phaseolus panduratus
"Ono" Cult forage (See 3636)
Erosion + drought resistant
plant.
SI 3662

⁴² Note ~~3663~~ - ⁴²~~3665~~ Presented by
Sr. Sarmento, Serviço de Fomento
do Fumo, Secretaria da Agricultura
do Estado Minas Geraes, Belo
Horizonte, Brazil. 8-6-36. NHS

⁴²
~~3663~~ Cult. Tobacco.
"Chinês" Introduced from China
Cured leaf is bright yellow. ⁴²
S. I. ⁴²~~3663~~ Cured leaf spec. ~~3663~~ ⁴²
Photo

⁴²
~~3664~~ Cult. Tob.
"Amarelinho" = (yellow)

SI

⁴²
~~3665~~ Cult. Tob.

"Samsun" Turkish Tob.

S.I.

Cured leaf spec.

Photo

3666-3670

note # ⁴²~~3666~~ - ⁴²~~3667~~ ~~3670~~ N H S.

Secured from Agr. Exhibit of
Secretaria de Agricultura de Minas
Geraes, Belo Horizonte, 8-6-36

⁴²~~3666~~ Cult corn.

"Milho Crystal" This strain
bears four full sized ears to each
stalk.

SI

⁴²~~3667~~ Palm

"Coco Ixideyá"

SI

⁴²~~3668~~ (Palm) *Orbignya macrocarpa* B. Rod.

"Coco Babassú" Oil used ^{margarine} ~~soaps~~ candles

SI

⁴²~~3669~~ (Palm) *Acrocomia sclerocarpa*

"Coco Macabuba" Seed gives 75% oil.

SI

Photo R 69-1

⁴²~~3670~~ (Palm) *Mauritia vinifera* Mart(?)

"Coco Burity" (

SI

(See foto R 74-6)

3671 - 3675

X5 ⁴²~~36~~71 Volunteer Tob.

"mata Garrapata"

Cajão de Sol, Serra do Cipó, ^{State Minas} ^{Geraes,}

Near #3672. Plant 5 ft. L.v. lanceolate

narrow, Corolla whitish below,

cerise above, Leaf slightly

viscid, lg frts & stems very viscid.

SI.

This & #3672 said to be
used for smoking by country
people.

X5 ⁴²~~36~~72 Vol. Tobacco

Ditto local. (See 3671)

Plants 5-7 ft., L.v. slightly viscid

lg fruts & stems very viscid, Corolla
green below, pink above.

SI.

L.v. broader than ⁴²~~36~~71.

Photo R70-4

⁴²~~36~~73

3673-

See loc or 3673

~~36~~73 Barbacenia

Serra do Cipó, State Minas Geraes
Brazil, 8-5-36. Alt. 1800 M.

Growing on barren slopes, among rocks

⁴²~~36~~74

Eriocaulaceae

⁴²~~36~~75

Trimezia juncifolia

SI

RCI (bulbs) Sandy soil.

3676 - 3685

~~42~~
3676 Iridaceae
Sandy, rocky soil.
SI ~~3676~~

~~42~~
3677 Eriocaul.

~~42~~
3678 Eriocaul.

~~42~~
3679 Composite

~~42~~
3680 monocot.

~~42~~
3681

Parasitic on roots other plants.

~~42~~
3682 Loranthus robustus?
On myrtaceae?

~~42~~
3683 Drosera Drosera

In swamp.

~~36~~ ~~36~~ ~~42~~ 3684 - 3687 Seed store Rio 8-12-36

~~42~~ 3684 Cult popcorn HHS.

"Milho pipoco"

Seed store Rio de Jan. Aug. 12, 1936

SI

~~42~~
3685 Cult pea

"Envilha torta flor roxa"

3686-3689

Ditto local.

This type is cooked pod & all, ~~the~~ for vegetable. Seed from Europe
SI.

~~42~~

3686 Cult Tob N H S

"6 orig^m di" Ditto local.

Apparently seed imported from Europe

SI

~~42~~

3687 Cult Tob N H S

"Salonichi" Apparently seed
from Europe.

SI

~~42~~

3688 Cult peanut N H S

Cult at Itaocara, State of Rio
de Janeiro, Brazil. Secured from

~~Secretaria~~
Dept. of Agr. - Rio de Janeiro

Aug. 13, 1936.

SI

~~42~~

3689 Cult pineapple N H S.

Cipo do Serra do Cipó, S.

Minas Geraes, Aug 5 1936

Small fruit but extremely good
flavor, white meat. Apparently
a local var. and long cultivated
here. Sdls I (5 plants).

3690-3694

42
3690 *Hippeastrum*, cult NHS
Rio de Janeiro Brazil Aug. 14/1936
Flw white striped with red.
RCI (6 bulbs)

42
3691 *Barbacenia* ^{Valley} NHS
Serra do Cipó, Aug 5/1936
This species has scented leaves
& would make good ornamental
Grows barren soil among rocks.
SI (Herb. spec to be sent later)

42
3692 *Lavoisiera francavillana*
var. *longiciliata* NHS
117992 Same loc. as 3691. (Arch. M. Barreto 4903)
Would make good ornamental if
can get it to grow. Found always
in acid soil of swampy ground. ✓

42 SI Foto R70-6 (Herb Spec will be sent later)
3693 *Galetea scarlatina* NHS
Dith local
(Related to fish poison species)
SI (Herb spec will be sent later)

42
3694 *Physocalyx* Scrop. NHS
Dith local.
Would make good ornamental
SI (Herb spec ~~later~~) Arch. M. Barreto 4691

3695-3700

3715-17

note ⁴²3695 - ⁴²3728 Seed only. N H S ^{except last three}
Collected General Market São Paulo
State São Paulo Aug 21, 1936

⁴²

~~3695~~ Cult popcorn

"milho pipoco" yellow grain

SI

⁴²

~~3696~~ Cult popcorn

"milho pipoco" red grain

SI

⁴²

~~3697~~ Cult papaya

"Red meated. "mamou vermelho"

⁴²

~~3698~~ Cult garlic

"alho grande" white

sweeter & less strong than smaller type

⁴²

~~3699~~ Cult garlic

"alho grande" purple

⁴³

~~3700~~ Cult peanut

"Amendoim branca" Seed oblong, whitish
pale integument, pod with prominent
crest & deep reticulations. These were
sorted from #3701.

3701-3705

43

3701 Cult peanut

"Amendoin tati" Seed coat pink
seed strongly compressed at contact thus
semi cylindrical. Pods straight, ^{smooth} not
deeply reticulated, nor prominent crest.

Same lot as ⁴³3700 but apparently 2
types mixed in same bag.

43

3702 Cult peanut

~~Mixed with 3703.~~ Apparently "tati
type". But mixed with 3703

43

3703 Cult peanut 43

In same bag with 3702. Pods
deeply reticulated & somewhat
crooked, seed oblong & red
integument.

43

3704 Cult peanut

Apparently same as ⁴³3701.

43

3705 Cult peanut

Apparently a type between # ⁴³3701 +

⁴³3703. i.e. some seed compressed
cylindrical & others oblong not
compressed.

3706 - 3714

~~43~~

~~3706~~ Cult peanut
Apparently "Tati" type

~~43~~

~~3707~~ Cult peanut
Apparently "Tati" type

~~43~~

~~3708~~ Cult rice
~~to~~

~~43~~

~~3709~~ Cult rice
"Arroz argulho"

~~43~~

~~3710~~ Cult oats
"Cebada"

~~43~~

~~3711~~ Cult pea
"Ervilha branca"

~~43~~

~~3712~~ Cult Dolichos (Black eyed pea)
"Feijão frade"

~~43~~

~~3713~~ Cult legume Cicer
"Grão de bico nacional"

~~43~~

~~3714~~ Cult legume Cicer
"Grão de grande bico" This is the
Spanish garbanza

3715-3723

43

~~3715~~ cult bean

"Feijão de vara, branco"
Climbing bean.

43

~~3716~~ cult bean

"Feijão de vara, marrom"
Climbing bean.

43

~~3717~~ cult bean

"Feijão preto"

43

~~3718~~ cult bean

Feijão branco"

43

~~3719~~ cult bean

"Feijão chumbinho"

43

~~3720~~ cult bean

"Feijão manteiga riscado"

43

~~3721~~ cult bean

"Feijão manteiga"

43

~~3722~~ cult bean

"Feijão mulatinho"

43

~~3723~~ cult bean

"Feijão branco miúdo"

3724 - 3728

~~43~~

~~3724~~ Cult bean

"Feijao cor de vinho"

~~43~~

~~3725~~ Satureia

"Sigureilha"

Cult. herb. for flavoring fish & meats

Herb spec only (See ⁴⁴3858)

~~43~~

~~3726~~ ~~Hyptis?~~ *Salvia officinalis*

"Salvia" Cult herb for flavoring meats. Herb 6-8 in! Fls said to be blue.

Herb spec only

~~43~~

~~3727~~ *Cichorium*

"Catalonha" Cult herb. Said to be introduced from Italia used in Salads.

Herb spec only (See ⁴³3736)

~~43~~

~~3728~~ *Bromelia paratas* L.

"Caroatã" "Carauatã"

Frts edible, acid, lemon flavor

Lo produces fiber (See Pis Correa

-Plantas Fibrosas da Restinga

do Estado do Rio de Janeiro.

Relatorio do Ministerio da Agr.

Industria E Commercio, Rio de Janeiro
1910. pp. 67.

43

3729 Calliandra

Sevra do Cipó, S. Minas Geraes ⁸⁻⁵⁻³⁶

Shrub 1/2 to 2 ft. Fls scarlet.

SI. Ornamental? (Herb spec later)

Archer + Mello Barreto #4985

43

3730 Arachis nanbyguarae

NHS

São Paulo, Brazil 8-22-36

Seed ~~presented~~ grown in E+pl. plots.

+ presented by Dr. F.C. Hochner.

SI.

43

3731 Cult peanut

NHS.

Store São Paulo 8-23-36

Pod crooked, rough, seed oblong
pale integument.

SI

43

3732 Cult wheat

Ditto

43

3733 Cult Vicia faba.

Ditto "Feijão branco"

NHS

43

3734 Sclerolobium demissum

Bot. Garden, São Paulo 8-24-36

Ornamental tree

SI

3735 - 3740

~~43~~

N HS.

~~3735~~ *Cardiospermum intergerium*

Ditto local. Poisonous plant.

related to fish poison genera.

SI

~~43~~

~~3736~~ *Cichorium*

N HS

"Catalonha"

Seed store São Paulo 8-25-36

Cult as vegetable for salads

SI

(See ⁴³3727)

~~43~~

~~43~~

note ~~3737~~ - ~~3740~~ Collected in

wholesale houses of São Paulo

~~43~~ Brazil 8-25-36

~~3737~~ Cult peanut

Pods small, dark color, seed oblong
pale integument.

~~43~~

~~3738~~ Cult peanut

"Tatu"

~~43~~

~~3739~~ Cult peanut

"Tatu"

~~43~~

~~3740~~ Cult peanut

"Tatu"

3741-3745

~~43~~
XJ 3741 Cult peanut NHS
From farm of ^{Dr.} C. H. I. Townsend
Itaquaquecetuba, S. Paulo,
Brazil 8-26-36 seed short ^{ovoid}
Pods small integument black.
SI

~~43~~
XJ 3742 Cult peanut NHS
Itaquaquecetuba S Paulo Brazil
8-26-36 Small shop.
Pod rough, prominent veins.
Seed ~~ovoid~~ oblong, integ pale brown.
SI

~~43~~
XJ 3743 Cult peanut NHS, S. Paulo Brazil
Small shop São Miguel 8-26-36
"Tatu" type

~~43~~
XJ 3744 Cult peanut NHS.
Ditto local.
"Tatu" type

~~43~~
XS 3745 Vol. tobacco
Vacant lot São Paulo 8-28-36
XJ SI

3746-3750

NHS.

XJ ⁴³3746 *Nicotiana petunioides* var *laugsdorfii*
Native. Seed collected Pico do
Garaguá, Serra da Mantiqueira
E. São Paulo, Brazil 8-28-36
Presented by Sr. Ricardo Agui.
Seccão do Fumos, Sec. da
Agr.
SI

XJ ⁴³3747 *Phoenix spinosa* NHS
Cultivated in Praça da Park
of São Paulo, 8-28-36
SI

XJ ⁴³3748 Cult grass NHS
"Capim cantigueiro"
Seed store São Paulo 8-28-36
SI

⁴³3749 — ⁴⁴3833 NHS
"Casa Ramieris Purchased seed
store, São Paulo Brazil 8-28-36
Seed said to be imported.

⁴³3749 Cult melon
"melão cavacillon" (Casca amarela)

⁴³3750 Cult cucumber
"Pepino pequeno para conserva"

3751-3759

~~43~~
~~3751~~ cult cucumber
"Pepino italiano verde comprido"

~~43~~
~~3752~~ cult melon
"melão (casca de carvalho)"

~~43~~
~~3753~~ cult melon
"melão cantaloup"

~~43~~
~~3754~~ cult strawberry
"morangos"

~~43~~
~~3755~~ cult carrot
"Cenoura vermelha meia comprida"

~~43~~
~~3756~~ *Foeniculum officinale*
"Funcho (herba doce)"

~~43~~
~~3757~~ cult salsify
"Salsifis branco"

~~43~~
~~3758~~ cult parsnip $\frac{F}{E}$
"Pastinaca comprida"

~~43~~
~~3759~~ cult beet
"Beteraba vermelha (meia comprida)"

3760-3768

⁴³
~~3760~~ Cult beet
"Beteraba redonda vermelha"

⁴³
~~3761~~ Cult. pimento
"Pimentão doce monstruoso"

⁴³
~~3762~~ Cult pepper
"Pimentão doce quadrado"

⁴³
~~3763~~ Cult pepper
"Pimentão doce de Hespanha"

⁴³
~~3764~~ Cult cayenne pepper
"Pimenta cayenna forte"

⁴³
~~3765~~ Cult. artichoke
"Alcachofra verde"

⁴³
~~3766~~ Cult pea
"Ervilha para debrubhar"

⁴³
~~3767~~ Cult pea (dwarf)
"Ervilha maravilha (ana)"

⁴³
~~3768~~ Cult bean
"Favos de sevilha"

3769 - 3777

43
3769 *Cichorium endivia* var *crespa*,
"Chicoria *crespa* branca"

43
3770 *Cichorium* sp?
"Chicoria *roxa* italiana"

43
3771 *Cichorium intybus*
"Chicoria *amarga* de raiz"

43
3772 *Cichorium* sp
"Chicoria *amarga*"

43
3773 *Cichorium* sp
"Chicoria *lisa* escarola"

43
3774 Cult ~~Brassica~~(?) *Barbarea* sp?
"Rucola (Pinchão)"

43
3775 Cult *Brassica*
"Couve de todo anno"
Cold climates as forage + greens.

43
3776 Cult *Brassica*
"Couve Tronchada portuguesa"

43
3777 Cult *broccoli*
"Couve *broccoli* roxo"

3778 - 3786

~~43~~
~~3778~~ Cult broccoli
"Couve broccoli branco"

~~43~~
~~3779~~ Cult cauliflower
"Couve flor d'algeria"

~~43~~
~~3780~~ Cult cauliflower
"Couve flor-gigante de napoles"

~~43~~
~~3781~~ Cult cauliflower
"Couve flor lenormand"

~~43~~
~~3782~~ Cult cauliflower
"Couve flor especial S. Pasqual"

~~43~~
~~3783~~ Cult turnip
"Nabo branco meio comprido"

~~43~~
~~3784~~ Cult turnip
"Nabo amarello de milão"

~~43~~
~~3785~~ Cult turnip
"Nabo chato branco francez"

~~43~~
~~3786~~ Cult turnip
"Nabiga da terra"

3787-3795

⁴³
~~37~~ 87 Cult turnip? rape?
"Couve nabo branco"

⁴³
~~37~~ 88 Cult turnip (forage)
"nabo japonês (para forragem)"

⁴³
~~37~~ 89 Cult rutabaga
"Couve rabano branco"

⁴³
~~37~~ 90 Cult rutabaga
"Couve rabano roxo"

⁴³
~~37~~ 91 Cult. celeriac
"Aipo rabano tronchudo"

⁴³
~~37~~ 92 Cult celery var.
"Salsão aipo branco cheio"

⁴³
~~37~~ 93 Cult radish
"Rabanete comprido rosado"

⁴³
~~37~~ 94 Cult radish
"Rabanete redondo branco"

⁴³
~~37~~ 95 Cult. radish
"Rabanete meio comprido rosado"

3796-3804

~~43~~

3796 Cult radish?

"Rabanete preto comprido"

~~43~~

3797 Cult cabbage

"Repolho schwenfurt"

~~43~~

3798 Cult cabbage

"Repolho crespo grande de Milão"

~~43~~

3799 Cult cabbage

"Repolho quarentino crespo"

~~44~~

3800 Cult cabbage

"Repolho roxo grande"

~~44~~

3801 Cult cabbage

"Repolho saint-denis"

~~44~~

3802 Cult cabbage

"Repolho grande coração de Boi"

~~44~~

3803 Cult cabbage

"Repolho Chato da Hollanda"

~~44~~

3804 Cult cabbage

"Repolho alemão branco"

3805-3813

~~44~~
3805 Cult cabbage
"Repolho chato do quintal"

~~44~~
3806 Cult Tomatoes
"Tomate rei Humberto"

~~44~~
3807 Cult Tomatoes
"Tomate pera"

~~44~~
3808 Cult tomato
"Tomato grande liso"

~~44~~
3809 Cult lettuce
"Alface repolhuda francesa"

~~44~~
3810 Cult lettuce
"Alface repolhuda de Berlim."

~~44~~
3811 Cult lettuce
"Alface repolhuda crespa verano"

~~44~~
3812 Cult lettuce
"Alface repolhuda imperial"

~~44~~
3813 Cult lettuce
"Alface romana balão"

44

3814 Cult lettuce

"Alface romana"

44

3815 Cult spinach

"Espinafre rasteiro viroflay"

44

3816 Cult mustard greens

"mostarda lisa da China"

44

3817 Cult mustard greens

"mostarda crespa da China"

44

3818 Cult onion

"Cebola branca italiana"

44

3819 Cult onion

"Cebolas do Rio Grande"

44

3820 Cult onion

"Cebola vermelha das Canárias"

44

3821 Cult onion

"Cebola das canárias amarela"

44

3822 Cult onion

"Cebola branca rainha" (para vinagre)

44

3823 Cult leek?

"Cebolinha de todo anno"

44

3824 Cult pumpkin

"Abobora morango"

44

3825 Cult squash

"Abobrinha italiana verde"

44

3826 Cult squash?

"Biraumon (Bonet de Turco)"

44

3827 Cult Brassica

"Couve Gallega de folha grande"

44

3828 Cult Cichorium?

"Almeirão de folha larga (Radd
(Radicchio)"

44

3829 Cult herb - ~~apium?~~ Parsley.

"Salsa commun lisa"

44

3830 Cult ~~vegetable~~ Swiss chard

"Acelga branca tronchuda"

44

3831 Cult herb

"Agião secco de Jardim"

3832-3839

⁴⁴
~~3832~~ Cult vegetable (Cynara sp.)
"Cardão da Hespanha"

⁴⁴
~~3833~~ Cult *Ocimum basilicum*
"Mangueirão (Basilico)"

⁴⁴ ~~#3834~~ - ⁴⁴ ~~3826~~ Purchased seed store ^{NHS}
"João Costal" S. Paulo Brazil
8-28-36 ^{most of these} to a seed grocer on Island
of Tenerife (Canaries) esp. for this seed house

⁴⁴
~~3834~~ Cult onion
"Cebola piriforme do Rio grande"
Seed from State Rio Grande do Sul

⁴⁴
~~3835~~ Cult strawberry
"Morangos Costal"

⁴⁴
~~3836~~ Cult artichoke
"Alcachofra grande verde de Leon"

⁴⁴
~~3837~~ Cult artichoke
"Alcachofra roxa precoce"

⁴⁴
~~3838~~ Cult parsnip
"Pastinaca temporã meio curta"

⁴⁴
~~3839~~ Cult parsnip
"Pastinaca comprida"

3840-3848

⁴⁴
~~38~~40 Cult Tomato

"Tomate grande vermelho liso"

⁴⁴
~~38~~41 Cult tomato

"Tomate grande vermelho lobado"

⁴⁴
~~38~~42 Cult cabbage.

"Repolho de 7 semanas"

⁴⁴
~~38~~43 Cult lettuce

"Alface crespa repolhuda de Batavia"

⁴⁴
~~38~~44 Cult lettuce

"Alface do campo verde plana"

⁴⁴
~~38~~45 Cult lettuce

"Alface rosada 4 estações"

⁴⁴
~~38~~46 Cult lettuce

"Alface ^{crespa} sempre repolhuda"

⁴⁴
~~38~~47 Cult lettuce

"Alface loura repolhuda
sem rival"

⁴⁴
~~38~~48 Cult lettuce

"Alface loura repolhuda das
4 estações."

3849-3856

⁴⁴
~~3849~~ Cult lettuce

"Alface repolhuda crioula"

⁴⁴
~~3850~~ Cult lettuce

"Alface branca repolhuda
Francisca extra."

⁴⁴
~~3851~~ Cult lettuce

"Alface Branca repolhuda
Grande de Barcelona"

⁴⁴
~~3852~~ Cult lettuce

"Alface romana balão"

⁴⁴
~~3853~~ Cult mustard

"Mostarda da China de folhas
de couve"

⁴⁴
~~3854~~ Cult mustard

"Mostarda crespa da China"

⁴⁴
~~3855~~ Cult cauliflower

"Couve flor gigante catalana"

⁴⁴
~~3856~~ Cult cauliflower

"Couve flor de inverno"

3857-3864

~~44~~
~~3857~~ Cult cauliflower
"Couve flor Alva Costal"

~~44~~
~~3858~~ Cult Satureia sp.
"Segurelha das Hortas"
(See ~~37~~⁴³ 25)

~~44~~
~~3859~~ Cult melon
"Melão maravilha das
Canarias"

~~44~~
~~3860~~ Cult melon
"Melão grande Prescott"

~~44~~
~~3861~~ Cult melon
"Melão precoce d'algeria"

~~44~~
~~3862~~ Cult water melon
"Melancia americana de Santa
Barbara"

~~44~~
~~3863~~ Cult pepper
"Pimentão doce grande amarelo
ouro"

~~44~~
~~3864~~ Cult pepper
"Pimenta grande commun"

3865 - 3873

~~44~~
~~3865~~ Cult pepper
"Pimenta cereja"

~~44~~
~~3866~~ Cult pepper
"Pimenta malagueta do Chile"

~~44~~
~~3867~~ Cult pepper
"Pimenta cayenna"

~~44~~
~~3868~~ Cult cucumber
"Pepino verde comprido"

~~44~~
~~3869~~ Cult cucumber
"Pepino cornichon para conserva"

~~44~~
~~3870~~ Cult cucumber
"Pepino verde grande"

~~44~~
~~3871~~ Cult turnep
"Nato de Japão"

~~44~~
~~3872~~ Cult rutabaga
"Couve rabano roxo grande"

~~44~~
~~3873~~ Cult rutabaga
"Couve rabano branco"

3874-3881

~~44~~
~~3874~~ Cult cabbage
" Repolho voluminoso das
canarias "

~~44~~
~~3875~~ Cult rhubarb
" Rhuibarbo roxo melhorado "

~~44~~
~~3876~~ Cult eggplant
" Beringela branca (Bila) "

~~44~~
~~3877~~ Cult eggplant
" Beringela vermelha (Bila) "

~~44~~
~~3878~~ Cult eggplant
" Beringela monstruosa
das Canarias "

~~44~~
~~3879~~ Cult spinach
" Espinafre de Nova Zelandia "

~~44~~
~~3880~~ Cult spinach
" Espinafre monstruoso de
Viroflay "

~~44~~
~~3881~~ Cult asparagus
" Espargos da Espanha "

~~44~~
~~3882~~ Cult. squash
 "Abobora menina"

~~44~~
~~3883~~ Cult pumpkin
 "Abobora moranga verde da Espanha"

~~44~~
~~3884~~ Cult pumpkin
 "Abobora moranga amarella
 monstruosa"

~~44~~
~~3885~~ Cult pumpkin
 "Abobora cabaga grande"

~~44~~
~~3886~~ Cult pumpkin
 "Abobora verde de canarias"

~~44~~
~~3887~~ Cult pumpkin
 "Abobora moranga vermelha
 girimê"

~~44~~
~~3888~~ Cult pumpkin
 "Abobora mala"

~~44~~
~~3889~~ Cult pumpkin
 "Abobora moranga de Portugal"

~~44~~
~~3890~~ Cult pumpkin
 "Abobora argentina"

3891-3900

~~44~~

~~3891~~ Cult pumpkin(?)
"Abobora citronella"

~~44~~

~~3892~~ Cult pumpkin

"Abobora assucarada do ^SBrasil"

~~44~~

~~3893~~ Cult celery

"Aipo salsação Tronchudo sem rival"

~~44~~

~~3894~~ Cult celery

"Aipo salsação francocheio da America"

~~44~~

~~3895~~ Cult chard?

"Couve chosen"

~~44~~

~~3896~~ Cult chard?

"Couve chakushina"

~~44~~

~~3897~~ Cult radish

"Rabanete minobokonoka"

~~44~~

~~3898~~ Cult radish

"Rabanete sakurajima"

~~44~~

~~3899~~ Cult radish

"Rabanete tokinashi"

~~45~~

~~3900~~ Cult radish

"Rabanete miyashigue"

3901-3909

45

3901 Cult radish

"Rabanete nerima"

45

3902 Cult turnip

"Nabo branco chato tennoji"

45

3903 Cult turnip

"Nabo branco chato shogoin"

45

3904 Cult turnip

"Nabo branco tokinashi"

45

3905 *Cynara cardunculus*

"Cardo da espanha sem espinhos"

45

3906 Cult vegetable

"Couve maritima"

Said to produce best in cold climate

45

3907 *Cichorium* sp. (Endive)

"Almeirão de folha larga verde erecta"

45

3908 Cult endive

"Almeirão pão de assucar"

45

3909 *Salvia officinalis*?

"Salvia vivaz" (See 3726)

3910 - 3918

~~45~~
3910 *Artemisia*

"Lozma (*Absinthia officinal*)"
Cult herb.

~~45~~
3911 Cult salsify

"Escorcionero da espanha"

~~45~~
3912 Cult salsify

"Salsifis branco"

~~45~~
3913 *Rumex acetosa*

"Azeda de folha grande"
Cult. for leaves.

~~45~~
3914 Cult vegetable

"Cardilho (Escolimo da espanha)"

~~45~~
3915 *Pimpinella anisum*

"Aniz verde"

~~45~~
3916 *Borago officinalis*

"Borragem"

~~45~~
3917 *Anthriscus cerefolium*

"Cerafolio fulbozo"

~~45~~
3918 *Anthriscus* sp

"Cerafolio commun"

3919-3926

~~45~~

3919 *Petunia hybrids*

"*Petunia hybrida e grande*"

~~45~~

3920 *Aquilegia hybrids*

"*Ancolie*"

~~45~~

3921 *Eucalyptus tereticornis*

Seed produced - S. Paulo.

~~45~~

3922 *Eucalyptus longifolia*

Seed prod. S. Paulo

~~45~~

3923 *Eucalyptus rostrata*

Seed prod. S Paulo

~~45~~

3924 *Eucalyptus tobyoides*

Seed prod. S Paulo

~~45~~

3925 Cull tree

"*Cedrinho*"

~~45~~

3926 *Chorisia speciosa* St Hil.

"*Paineiro*" Timber tree also fiber
from pods for pillows.

~~45~~

3927-~~45~~ 3935

seed store S Paulo Brazil

8-28-36

N H5

3927-3935

~~45~~
~~3927~~ Cult cucumber
"Pepino japonês"

~~45~~
~~3928~~ Cult cucumber
"Pepino verde comprido"

~~45~~
~~3929~~ Cult melon
"Melão casca de carvalho"

~~45~~
~~3930~~ Cult Brassica
"Couve tronchuda portuguesa"

~~45~~
~~3931~~ Cult Brassica
"Couve manteiga"

~~45~~
~~3932~~ Cult Lupine
"Lupin annuel"
Related to fish poison genera.

~~45~~
~~3933~~ Cult yellow carnation

~~45~~
~~3934~~ Cult lettuce
"Alface repolhudo São Caetano"
Seed produced - S. Paulo

~~45~~
~~3935~~ Cult onion
"Cebola do Rio Grande"
Seed produced - Brazil.

3936 - 3942

~~44~~
~~3936~~ - ~~3956~~ Presented by Dr.
F. C. Hoehne Instituto Biologico
S. Paulo Brazil 8-28-26
Cult Bot. Garden of S. Paulo

~~44~~
~~3936~~ Cult peanut
"Jambo" var.

(3 I only
1 H5)

~~44~~
~~3937~~ Mimosa bracaatinga Hoehne
"Bracaatinga"

Grows to maturity from seed - 3 yrs

See reprint of Hoehne

Cult ^{tree} for wood. Might be paper pulp
source. Resists freezing.

~~44~~
~~3938~~ Corchorus olitorius L.
Cult ornamental

~~44~~
~~3939~~ Tecoma ipé Mart

"Ipe rozeo" I₂ large tree, good lumber
Durable. Common in S. Paulo.

~~44~~
~~3940~~ Hippeastrum aulicum
var robustum.

Flws red.

~~44~~
~~3941~~ Carpotroche brasiliensis Endl.

Ch^{au}almoogra oil.

Foto R75-2

~~44~~
~~3942~~ Toluifera peruvifera (L.) Beill.
Ornamental

3943 - 3951

~~45~~
3943 *Bombax cyathophorum* Schum
Kapok fiber

~~45~~
3944 *Huberia semiserrata* DC
Ornamental

~~45~~
3945 *Araujia sericifera*
The fiber of seed used paper manufacture. Also bark
is textile. Vine.

~~45~~
3946 *Maytenus alaternoides*
var *angustifolia* Reiss

~~45~~
3947 *Alstroemeria insignis* ^{Kraenzl.} ~~Kraenzl.~~
Ornamental

~~45~~
3948 *Paullinia trigonia* Vell.
Fish poison genus

~~45~~
3949 *Seryanina reticulata*
forma *genuina* Radlk.
Fish poison genus

~~45~~
3950 *Aristolochia arcuata*
Fish poison genus

~~45~~
3951 *Sesbania punicea* Benth
Tree Retarded & fish poison
genus.

~~44~~~~3952~~ *Erythrina reticulata* PreslOrnamental tree. Fish poison?
Trunks planted for live fence posts.~~44~~~~3953~~ *Rhynchosia minima* Desv.
Related fish poison genera~~44~~~~3954~~ *Rhynchosia phaseoloides* DC
Poisonous seed~~44~~~~3955~~ *Rhynchosia reticulata* DC
Related fish poison genera~~44~~~~3956~~ *Cyrtosperma ligustrifolia* Turcz
Related fish poison species~~44~~~~3957~~ *Hippeastrum*

NHS

Tres Lagoas, M. Grosso 8-31-36

R.C.I. (2 bulbs) Fls salmon (see p. 20 of journal)

~~44~~~~3958~~ *Opuntia*

NHS

Campo Grande, M. Grosso 9-1-36

S.I. Foto 72-3 (see p. 20 notes) Native.

Arborescent, resist freezing. Orna.

~~44~~~~3959~~ *Melancium sylvestre*

Ditto local.

Vine + frt. looks like
watermelon. Frt. sweet
scented. For crossing.~~R.C.I.~~S.I.

3960 - 3965

XH

⁴⁵
~~3960~~ Passiflora

XJ

Ditto local. Fruit edible.

S.I.

(6 shrub 7)

XJ

⁴⁵
~~3961~~ Aristolochia

XH

Ditto local.

S.I.

(6 shrub 10)

XJ

⁴⁵
~~3962~~ Papaya

NHS

Cult. yellow meat.

S.I.

XJ

⁴⁵
~~3963~~ Medania Cult peanut

NHS

Ditto local.

S.I.

XJ

⁴⁵
~~3964~~ Palm.

NHS

"Pindoba" Small palm. 20 ft.

Novo Hiponia, E. S. Paulo 8-31-36

L.O. good forage.

S.I.

XJ

⁴⁵
~~3965~~ Arachis

XH

Campo Grande, E. Matto Grosso

9-2-36

(6 shrub 22) In streets

S.I. R.C.I.

(58 seed total, half given Hochberg)
of town.

3966-3969

447

3966 *Arachis*

XJ

XH

~~Campo Grande~~, Ditto loc.

In streets of town 9-2-36

S.I., RCI (279 seed $\frac{1}{2}$ to Hochne) 15 to C. Porto)
(6 chrt 24)

448

3967 *Arachis*

XH

Fazenda ~~Char~~ Xarqueada Velha
near military airport. Campo Grande
E. Matto & rosso. 9-3-36.

S.I.

Of this lot found 4
pods double seeded. (107 seed
(6 chrt 28) ($\frac{1}{2}$ Hochne)

HX

449

3968 *Arachis*

XJ

Lagoinha, on road between Campo
Grande & Capão Bonito, E. Matto
& rosso, 9-6-36.

S.I., RCI (11 seed $\frac{1}{2}$ Hochne)
(6 chrt 125)

450

3969 *Serjania*

XJ

near Capão Bonito, E. Matto
& rosso 9-4-36

(5 seed)
S.I. Fish poison genus.

3970-3973

⁴⁵
~~3970~~ Tephrosia?

XJ

Capão Bonito, E. Mato Grosso

9-6-36. In fields pasture,

sending out new shoots after

annual burning. Roots strong

RCI

Gehrt 150 rotenone
odor.

⁴⁵
~~3971~~ Ficus

XH

Lagoinho, see on road between

XJ

Campo Grande & Capão Bonito

E. Mato Grosso. 9-4-36.

S.I.

Large tree. Fruits hard ^{+ green}

Fruits contained
many Blatophaga. when ripe.

⁴⁵
~~3972~~ Cult cotton

NHS

Bolicho Boa Vista, ^{on} Road betw. Campo

XJ

& Grande & Capão Bonito.

9-4-36.

S.I.

⁴⁵
~~3973~~ Anona

XJ

Lagoinha, near Campo Grande

E. Mato Grosso, 9-6-36

(Related to fish poison species.)

S.I.

(Gehrt 124)

44

3974 Anona

N#5

XJ

Capão Bonito

E. Matto Grosso

9-5-36

Med. sized tree.

SI.

(Fish poison genus)

Seed said to be poisonous.)

44

3975 Palmae

XJ

Bolicho Secco, E. Matto Grosso

XH

9-6-36: Dwarf, sessile palm.

about 2 ft including leaf.

Bdly I

SI. (Seed) (Gehrt 132)
(1/2 inch)

44

3976 Aspidosperma

XJ

Fazenda das Moças, Campo

XH

Grande, M. G. 9-6-36

SI.

Related fish poison sp.
(Gehrt 130)

Ornitho

~~3977 Grass~~

~~Campo Grande 9-2-36~~

XJ

~~Might be good erosion control.~~

~~RCI~~

~~Gehrt 23~~

3978 - 3982

~~45~~

3978 *Arachis*

XJ

Capão Bonito, M. G.

XH

9-5-36

In ~~field~~ pasture
(Photo)

RCI

Roots slender, parallel to
surface soil. Seding up
shoot at terminus.

~~45~~

3979 *Arachis*

XJ

Fazenda Dr. Arlindo de Andrade

Campo Grande, M. G. 9-1-36

RCI

(Shoot 17)

~~45~~

3980 *Arachis*

XJ

Campo Grande, along R.R. track.

9-1-36

(Shoot 20)

RCI

~~45~~

3981 *Arachis*

XJ

Capão Bonito, M. G. 9-5-36

XH

In heavily grazed pasture, red clay

RCI 3

(Shoot 82)

(3 empty shells) found.
no seed.

~~45~~

3982 *Arachis*

XJ

Ditto local. In pasture on red
clay mixed with sand below.

XH

SI

RCI

Roots

(Shoot 77)

tuber-like.

3983-3988

XJ⁴⁵

~~3983~~ Amaryllid.

NHS.

XH

Along road between Campo Grande
+ Capão Bonito, M.G. Brazil
9-5-36.

RCI

XJ⁴⁵

~~3984~~ Iridaceae

NHS.

XH

Capão Bonito, M.G. Brazil

XH

9-6-36.

RCI

XJ⁴⁵

~~3985~~ Iridaceae

XH

Ditto local. Fls yellow + brown.

XH

RCI

(Cech 119)

XJ⁴⁵

~~3986~~ Palm

NHS

XH

Half way between Campo Grande

XH

+ Capão Bonito M.G. 9-4-36

SI

Photo R73-1

XJ⁴⁵

~~3987~~ Palm

NHS

XH

Capão Bonito M.G. Brazil 9-5-36

XH

"Bacahuba"

SI

XJ⁴⁵

~~3988~~ Palm

NHS

XH

Ditto local

XH

SI

3989 - 3992

~~45~~
3989 *Cochlospermum* ^{insigne St. Hil.}
1 HHS

"Algodão do Campo"

XJ Lagoinha M.G. near Campo Grande

9-4-36. (See no. 116 chart collected

Campo Grande) The fiber is used

for pillows, & comforts. Hoehne

wrote article. Also, ^{would be} useful as

lifesaver filler but not cultivated

& so not available in sufficient

quantity. Would make good ornaments

S.I.

(Chart H 135)

~~45~~
3990 *Arachis*

XJ Streets of Campo Grande, M.G. Brazil

9-9-36.

(Chart 137) Rich black earth

RCI SI

22 seed (1/2 Hoehne)

~~45~~
3991 *Arachis*

XJ RR. embankment Campo Grande M.G.

Brazil 9-9-36. Found fls of this

but no seed. (Chart 136) ^{In red clay} ~~In red~~ &

RCI :

~~black earth.~~

~~45~~
3992 *Arachis*

XJ Fazenda das Moças, near Campo Grande

M.G. 9-9-36 In sand.

SI RCI. (Chart 127)

3993 - 3997

45

3993 Amarullid.

Campo Grande, M.G. 9-9-36

Growing along fence row of vacant ground.

R C I (bulbs)

45

3994 Arachis

Campo Grande

about 60K m d

VJ.

near. Yaraguari, M.G. 9-10-36

H

Sandy soil. 6 shrub 146

SI 2 seeds (1/2 to Hoehne)

45

3995 Acanthaceae

XJ

Ditto local. Sessile plant, tuberous root. Flw & lvs appearing just above ground each spring, i.e. Sept.

esp. after turning over of pasture

Flw rose pink, scented like cinnamon.

Sandy soil. Hoehne Herb # 36320 (6 shrub 152)

R C I.

45

3996 Cult peanut

RHS

J

Store in Yaraguari M.G. 9-11-36

SI

45

3997 Bombax

near Yaraguari, M.G. 9-10-36.

Fiber "Paina" is used for cushions

SI

(6 shrub 148) shrub 2-4 ft

3998-4005

⁴⁵
~~3998~~ - 4014 Purchased in shop
Campo Grande, M.G. 9-9-36.
N.H.S. S I only

⁴⁵
3998 Cult cabbage
"Repolho crespo de Milão"

⁴⁵
3999 Cult cabbage
"pê curto da Hollanda"

⁶
4000 Cult bean
"Feijão amarelo manteiga"

⁶
4001 Cult pea
"Ervilha torta flor branca"

⁶
4002 Cult ~~tomato~~ pea
"Tomate liso grande"
"Ervilha anã para grão"

⁶
4003 Cult tomato
"Tomate liso grande"

⁶
4004 Cult tomato
"Tomate grande vermelho"

⁶
4005 Cult lettuce
"Alface repolhuda das 4 estações"

4005 - 4014

4006 Cult lettuce
"Alface romana"

4007 Cult carrot
"Cenoura vermelha 1/2 comprida"

4008 Cult sweet pepper
"Pimentão doce da Hespanha"

4009 Cult beet
"Beteerraba vermelha comprida"

4010 Cult beet
"Beteerraba roxa redonda"

4011 Cult cucumber
"Pepino pequeno cornichon"

4012 Cult cucumber
"Pepino verde grande"

4013 Cult watermelon
"Melancia de Santa Barbara"

4014 Cult watermelon
"Melancia favorita"

4015 - 4022

note 4015-4020 Purchased in São Paulo Brazil
9-14-36. all are cultivated, N H S

4015 Hippeastrum

Cult. São Paulo, Brazil 9-14-36

Flw. dark red

R C I

4016 Hippeastrum

Flw pink

R C I

4017 Hippeastrum

Flw carmine

R C I

4018 Hippeastrum

Flw green

R C I

4019 Hippeastrum

Flw green with red stripes

4020 Hippeastrum

Flw white^{yellow} with red stripes

4021-4026 Instituto Agronomico de S. Paulo Campinas

9-15-36 E H plot

4021 Erythroxylon coca Lam.

"Coco" shrub 4 ft. Flw white

4022 Quina Quina

Shrub 5 ft Flw pink.

4023 - 4031

4023 ~~Henna~~ Lawsonia inermis L.
Shrub 4 ft. "Henna"

4024 Tephrosia candida NHS
SI

4025 Cult cotton NHS
Fiber colored brown. "Goyas" var.
SI

4026 Aleurites moluccana NHS
SI Semi spontaneous in Brazil.

#4027 - 4030 Market at Campinas Brazil
9-15-36 NHS

4027 Cult strawberry
SI

4028 Cult peanut
SI

4029 Cult peanut
"Cattete" var. was sorted out from
same bag as 4030 Integument red.
SI

4030 Cult peanut
"Tati" var. (see 4029) Integument pale pink
SI

4031 Cult muskmelon NHS

Market SPaulo 9-14-36

This melon is now arriving from
Portugal being shipped in large
quantities by boat. Each fruit wrapped

4032 - 4038

- cellophane.

SI

~~40~~32 - ~~40~~46 at Lavras
E Minas Geraes, Brazil, 9-19-36

~~40~~32 Cult corn N HS

"milho cravo"

SI

~~40~~33 Cult peanut N HS.

SI

~~40~~34

"Penna cheia" Cult ornamental.

Small tree 25 ft. Flw red.

~~40~~35 Passiflora

Flw white Frt small edible

~~40~~36 Passiflora

Flw white.

~~40~~37

Small tree Corolla white, scented
visited by bees.

~~40~~38 Malvaceae X

"Vassourão" Fiber plant. Used as sub.

for flax. Presented by Escola Agrícola de Lavras.

SI

4039-4045

4039 *Ficus* ^{retusa} ~~obtusifolia~~

Cult at Escola Agricola de Lavras
Cuttings planted. Tree 20 ft. ~~tree~~
SI

4040 Composite
Flw white

4041
Flw yellow

4042 Lantana?
Flw lav.

4043 Palm NHS
In park. 20 ft high.
SI. Photo R75-3.

4044 (Palm) *Cocos plumosa* NHS
Cult at Escola Agr. de Lavras
SI Photo R75-4 "Coco de baba"

4045 Cult. peanut NHS
This var. said to have been brought here
50 yrs ago by a doctor. It is still cult
sporadically here & there. It is still found ^{at Fazenda} &
Morro Redondo where first planted.
SI.

4046 - 4053

~~4046~~ Cult peanut

NHS

Cult at Escola Agricola de Lavras
SI.

~~4047~~ - ~~4057~~ Collected at Fazenda
Morro Redondo, near Lavras, M. Geras
9-20-36. All in burned over pasture
except peanut.

~~4047~~ Cult peanut

NHS

SI.

~~4048~~ Dwarf palm.

XJ

SI.

Lv. twisted clockwise. Plant about

XB

2 ft high. Stem 6 in.

SI

~~4049~~

"Gordinha ⁸² malva do campo"

Cork tree (See photo). Shrub 2 - 20 ft.

Foto R 76-4

~~4050~~ (Malpighiaceae) Camarea?

J

Xylopod (Hoehne) Flw yellow.

5

~~4051~~ Grass

J

~~4052~~ Legume Eriosema

Flw yellow

5

~~4053~~ Comp

Flw white

4054-4061

4054 comp.

Flw lav. Xylopod

4055

Flw blue

4056 Ruellia

Flw blue Xylopod.

4057 Grass

4058 Cult peanut

NHS

Lavras, E. M. Geraes 9-20-36

Common type of locality.

SI

4059 Palm

NHS.

With local. "macahuba"

SI

4060 Palm Caryota

NHS

Bello Horizonte M. Geraes 9-22-36

Used along avenue. Introduced from Ceylon

SI

Said to live about 30 yrs.

4061 Cult peanut

NHS

Diamantina M. Geraes 9-23-36

SI

Grown at Rio Vermelho + transported by pack train to Diamantina

4062 - 4070

4062 - 4081

Vicinity Mendanba, along road.
9-24-36.

4062

J 4063 ^{In sand} ^{stenorhynchus?}
Flw white
In sand.

J 4064 Comp.

J 4065 Myrtaceae

Shrub to small tree Flw white.

J 4066 Legume Campozoma

Slender, single stemmed 2-10 ft Fls red

J 4067 macrozephonia

greenish
White latex, Flw, white

J 4068 Sisyrinchia Iridaceae

~~Bulbous root~~ flw dull yellow, white red
^{Bulb}
root covered hard resinous sub. very hard.

J 4069 Anon.

Small tree.

J 4070 Lycopersium

Near old long abandoned camp

SI

4071-4077

4071 Grass

Very common here + also seen in Matto Grosso
On red clay, spreading thickly by
rhizomes above ground. Resists freezing
Try for erosion control. (and drought)
R.C.I.

4072 Caryocar

"Piqui" Large tree. Flw white
SI. Fish poison genus.

4073 Arist.

Flw Green + purple.
SI

4074 Palm

acaules
sessile, fronds 2 meters.
SI

4075 Portulaca

Flw yellow In sand

4076 Vello

Flw blue

4077 Clitoria Centrosema

Small vine on ground Flw blue

4078-4084

~~XB~~ 4078 (Palm) Cocoz
~~XJ~~ 3-6 ft Frond 1 m long
SI

~~J~~ 4079 Velloz
Flw blue

~~X5~~ 4080 Vol. Tob ^{mendanhya}
near House Plant 5 ft Flw white, ^{very pale pink} tinged or mottled
SI.

~~40~~ 81 Cult cotton
near I - the town of mendanhya.
"Rim de Boi" Plant 15 ft. Flw pale
SI yellow tinged pink.

~~X5~~ 4082 Vol. Tob 9-24-36
~~J~~ Diamantina edge of town along
embankment Flw white, pink tinged.
SI. Plant slender 5 ft.
Lo sticky

~~40~~ 83 Stylosanthes
near Diamantina 9-24-36
Flw yellow

~~J~~ 4084 Stylosanthes
Ditto local

4085 (Palm) Attalea

Vic. Mendenhys along road

9-24-36 Sessile.

Fronde 12 ft - 15 ft long. Inflor. +
ped. 4 ft long. Inflor. not branched
ST

4086 Palm

Same local. Sessile Fronds 3-4 ft
long. naked at base about 1 ft.

ST

4087 - 4112

On highway
between ~~Mendenhys~~ ^{Diamantina} + ~~Guinda~~ ^{m. Serais.}
9-25-36.

4087 Sedge

Flw pale yellow

4088 Grass

4089 Velloz (Barbacenia)

Flw yellow among rocks

4090 Grass

4090a Grass

4091 Zephyranthes carinata Herb.

Rel. Hochm.

Flw pink.

RCI

4092-4101

J ~~4092~~ Velloz
Flw blue

J ~~4093~~ Comp
Flw white

J ~~4094~~ Grass

J ~~4095~~ Clitorea

J ~~4096~~ Cambessedesia
Flw pink. In clump.

J ~~4097~~ Rubiaceae
Flw pink in clump like moss

J ~~4098~~ Grass

J ~~4099~~ Baccharis
Flw white

J ~~4100~~ Grass
In swampy sand

~~4101~~ Annon. Orchidaceae
Flw ^{pale} red

4102-4112

4702

J Fls pink & white. Xylopod extremely hard

4703

Shrub 2 ft. Fls red

4704 Grass

4705 Grass

4706 Grass

4707 Grass

4708 Eriocaul.

Grow flat on ground rosette fashion
new plants rooting from flw head.

4709 Sedge

4710 Comp

4711

In swamp

4712

J Fls blue Xylopod

4113 - 4117

XJ 4113 Cult peanut

NHS

Diamantina, M. Geraes 9-25-36
SI

4114 Zephyranthes commersoniana

NHS

Serra da Piedade, M. Geraes.
Brazil ^{Sept 1936} ~~9-27-36~~. Presented ^{+ det. by.} Dr. Mello Barreto
RCI (Bulbs)

4115 Hippeastrum

NHS

ditto local
RCI (Bulbs)

4116 Indigofera henryana

NHS

^{+ forage}
Cult cover crop. Seed from Fazenda
Camelleira of the Secr. Agr. 8-24-36
Bello Horizonte
SI Plant is prostrate + might be good
erosion control.

4117 Palm

NHS

Barra de Pirahy, State Rio de Janeiro
Sept 30, 1936. Cult in parks of town.
Slender trunk, 40 ft. Lf. fan shaped
SI.

P# 4118 - 4123

~~4118~~ Purchased from firm of
Dierberger + Companhia.
São Paulo. Oct 6 1936

4118 - 4123

4118 *Tritonia*
^{petals}
~~Flw~~ pale salmon, marked with white
outside.
RCT (tulbs)

4119 *Zephyranthes carinata* N.H.S.
Flw said to be nearly (!) red.
R.C.I.

4120 *Azalea* var. *Hexe*.
Dwarf plant 5-7 in. flw. about 1 1/2 in
diam. Transparent carmine color.
RCT (2 plants)

4121 *Azalea* var. *Hermes*
Same size as above. Foliage more
dense. Flw Rose carmine
RCT (2 plants)

4122 *Azalea* var #2 *Aristocrat*.
Slightly larger than above. Flw^{double}
2 in diam. color violet carmine.
RCT (2 plants)

4123 *Verbena hybrida*
Seed said to have orig. in France and of
mixed colors but have been selected.
The following colors pressed.
① Blue with white center. ② Pure white

4124 - 4129

4131
(See 4131)

③ Bright carmine-red, ④ Pink^{ish}, white center

4723 *Acrocomia mokusayayba* Barb. Rodr.
Capão Bonito, M. Grosso. 19-5-36
Sent Del Hochne

SI

4724 *Geonomia Scottiana* Mart.
Estação Biológico do Alto da Serra -
S. São Paulo. 10-5-36
Presented by Del Hochne.

SI

4725 Cult peanut
var. "Jumbo"
S. Paulo, Brazil 10-7-36. Presented Dr.
Hochne.

SI

4726 Cult peanut
S. Paulo Brazil 10-7-36
Spec. secured from peanut oil
mill of Giorgi, Picorse & Cia.

SI

4727

4728 - 4731 Purchased Dierberger & Cia.
S. Paulo 10-8-36 N.H.S. SI only

4728 *Nicotiana sylvestris*

4729 *Nicotiana affinis*

4130-4136

4730 *Freesia refracta*

I saw plants of this growing in plots yesterday. Flw were vari-colored, pink, white, blue, pink etc.

4731 *Verbena hybrida*.

(See 4123) Seed for Dr. Bamford, U. of Md.

#4732-35

Near Museu Paulista

S. Paulo 10-8-36.

4732 Legume
Flw yellow

4733 Grass *Panicum*

4734 Grass

4735 Labiales

Flw lake blue

#4736-4150 Butantan, S São Paulo
10-8-36

4736 *Asclep.*

Vine, 10 ft. Flw sepals green outside
^{purple}
and mark inside.

4137-4145

4137 Aristolochia

Vine 4-5 ft

4138 Baccharis

Globular shrub 10 ft.

"Carguija" Formerly used in brews for beer. Also used as rheumatism remedy in decoction.

4139 Hippeastrum

Corolla green & red

RCT (bulbs)

4140

Spongy enlarged root. Flw chimeric red

4141

4142

Flw white

4143 Malvaceae

Flw rose

4144 Comp.

4145 Mimos

Flw white pale green

4146-4154

4746 Asclep.

4747 Asclep.

4748

4749 Legume
Flw yellow

4750 Sisyrinchium

4751 Eubrachion ambiguum ^(Hook + Thun) Engl
On Myricaria sp.
S. Paulo 10-8-36

4752 Zephyranthes N H S
Flw pink. Presented by Augusto C. Chert
S Paulo 10-8-36
R L E (bulbs)

4753-4759 Presented by Dr F. C. Hochue
S Paulo 10-8-36 Bulbs only N H S

4753 Hippeastrum breviflorum

4754 Hippeastrum auricium var robustum
Flw red native to Bot. Gardens.

4155 - 4163

4755 *Hippeastrum puniceum* Voss
var *barbatum* Voss.

4756 *Hippeastrum rutilum*
var *crocatum*

4757 *Hippeastrum psittacinum*

4758 *Hippeastrum calypstratum*

4759 *Zephyranthes candida* ^{Fl. red?} K

4760 - 4779

Presented by C.A. Krug. Instituto Agronomico
do Estado de S. Paulo. Oct 1936. SI only

4760 Cult tob.

"Virginia Bright" Secured Fazenda Santa
Eliza in 1932.

4761 Cult tob

"São Gonçalo" From Est. Exp. de S. Gonçalo
dos Campos, State of Bahia in 1933.

4762 Cult tob.

"Xanthi Gabã" From Divest. de
Inspeção e Fomento Agrícolas, São
Paulo in 1932.

4763 Cult tob.

"Brasil Bahia" From Instituto
Bahiano de Fumo, State of Bahia 1935

4164 - 4175

4164 Cult tob.

"Cubano" From Fazenda Santa Eliza
in 1932

4165 Cult tob.

"Verpelet" From Est. Exp. de São
Gongalo dos Campos, State of Bahia 1933

4166 Cult tob.

"Georgia" From ~~Escola~~^{ola} Superior
de Agricultura de Vigosa, State of M. Geraes

4167 Cult tob.

"Gober Peloes" From Britenzorg, Java 1933

4168 Cult tob.

"Gober Koenjit" From Britenzorg, Java 1933

4169 Cult tob.

"Hickory Pryor" From Est. Exp. de Cana
de Assucar, Piracicaba, State São Paulo 1933

4170 Cult tob.

"Habano Colorado" From same place as 4169

4171 Cult tob.

"Heavy Drooping Leaf" Same place as 4169

4172 Cult tob.

"Porsutian" From Italy 1933

4173 Cult tob.

"Fazzani" From Tripoli 1933

4174 Cult tob.

"Salento" From Tripoli 1933

4175 Cult tob.

"Tripoli" From Tripoli 1933

4176 - 4185

4176 Cult tob

"Perestitzia" From Italy 1933

4177 Cult tob.

"Samsoun" From Italy 1933

4178 Cult tob.

"Goyano" From Est. Exp. de Limeira
State S. Paulo 1936

4179 Cult tob

"Tabana" From Affonso Penna,
State of Bahia in 1935

#4180 - 4110 Collected at Hg Usina
9 K. W of ~~St~~ Santa Cruz do Rio Pardo ^{near} along river.
10-12-36

4180 Comp

Flw yellow Sap sticky

4181 Umbell.

Common along river banks ~~Escaped?~~

4182 Comp.

Ray petals lav.

4183 Malvaceae

Shrub 6 in to 3 ft Flw yellow

4184 Manihot

Escaped?

Shrub 15-20 ft. Flw ^{green} ~~pink~~

4185

in seed along river banks
Prostrate in mats, Flw sulfur yellow

4186-4199

4186

4187

~~4187~~ Grass

4188 Grass

^{solid}
In small clumps perennial

4189 Grass

In loose clump

4190 Grass

"Capim favorita"

4191 Grass

4192 Grass

4193 Grass

4194 Comp.

Herb 2-3 ft

4195 Comp.

Prostrate ^{producing runners}, ray flw orange-red.

4196

Vine 3-4 ft flw red with yellow lips

4197 Solanum

Herb 2-3 ft. Flw pale blue.

4198

Herb. Fleshy root. Flw rose colored.

4199 Comp.

Herb 5-6 ft. Single stb branching above
fair inflorescence Flw yellow

4200-4211

~~4200~~ Cult cotton

Plants 4 ft. Flw at first pale yellow
then pink

S I.

~~4201~~

Shrub & small tree Flw white, scented.

~~4202~~ Grass

In woods or shade of shrubs.

~~4203~~ Desmodium

~~4204~~ ~~Vol. tob~~

Woody vine, 10-20 ft.

~~4205~~ comp.

~~4206~~

Slender shrub 3-5 ft. Drooping branches
Flw white.

~~4207~~

Prostrate on ground.

~~4208~~ Grass

^{Cane}
~~Reed~~ like 6-8 ft.

~~4209~~ Grass

~~4210~~ Euphorp.

~~4211~~ Vol. tob

~~From~~ Sta Cruz do Rio Pardo. in streets

10-12-36

Plants 6 ft. Lvs not sticky resinous

Flw ~~pale~~ ^{pale} greenish at first
changing to pink & lip.

S I.

4212 - 4220

4212 Cult peanut

UHS

Usina, 9 K W. of Santa Cruz do Rio
Pardo 10-12-36

SI (1 seed)

4213 Cocos

UHS

Detto local.

SI

4214 Cocos

Detto local. Prob. same as 4213

SI

4215-4218

Santa Cruz do Rio Pardo
10-13-36

S. Paulo.

4215 Umbell.

4216 Crucifer

4217 Grass

4218 Grass

4219 Palm *Seaforthia elegans*
Introduced UHS

Cult. in park São Paulo Brazil
10-16-36

SI

4220-4229

Marcelino Ramos, State Rio Grande do Sul

10-19-36

4220 Nicotiana

Annual 1-3 ft. Corolla pale green white below
SI. lip pure white. Ste + lvs resinous.

4221-4235

XJ 8

4221 Cult peanut

NHS

SI

J 4222 Grass

J 4223 Onocifer

J 4224 Grass

J 4225 Comp.

4226 Comp

J 4227 Grass

J 4228 *Trifolium medeag.*

Prostrate, growing also on bankments & even
cinders, might be good erosion control

SI

J 4229 Grass

4230 - 4235 state R.G. do Sul
Cruz Alta 10-20-36

J 4230 Iridaceae

Flw blue

R CI SI

Very common. "Bibi"

Bulbs roasted & eaten.
or else pickled like small onions.

J 4231 Grass

4232

J 4233 Verbenaceae

Prostrate

J 4234

Fleshy. Flw yellow. Escaped?

J 4235 Grass

4236-4247

4836 Grass

4837

4838

4839 *Trifolium medicago*

~~São João~~ ^{Pinhall} 1, Rio Grande do Sul 10-20-36

4840 Grass

Pedreira, S. Rio Grande do Sul 10-20-36

4841-4854 Market Porto Alegre, S. Rio Gr.
do Sul 10-22-36 SI only N.H.S.

4841 Cult walnut

Grown in state of Rio Grande do Sul.

SI.

4842 Cult almond

Imported from Portugal

4843 Cult almond

Imported from Portugal

4844 Cult watermelon

Locally grown

4845 Cult hazelnut

Imported from Portugal

4846 Cult melon

"Melão português" Said to be small round
melon.

4847 Cult cucumber

Seed locally grown

4248 - 4263

~~4848~~ Cult watermelon
Locally grown.

~~4849~~ Cult melon
Locally grown. Said to be large
oblong, greenish red.

~~4850~~ Cult pumpkin

~~4851~~ Cult soybean

~~4852~~ Cult peanut

Apparently mixed varieties.

~~4853~~ Cult strawberry

~~4854~~ Cult strawberry

~~4855~~ - ~~4866~~ Purchased in shops
Porto Alegre, State Rio Grande do Sul
Brazil 10-23-36. N.H.S. Stolzy

~~4855~~ Cult peanut

~~4856~~ Cult peanut
"M^{indo}endo" or "Comun"

~~4857~~ Cult peanut
"M^{indo}endo" or "Comun"

~~4858~~ Cult peanut

~~4859~~ Peanut

Sorted from same bag as ~~4858~~. Said
to be from wild (volunteer^(?)) plants.

~~4860~~ Cult peanut

~~4861~~ Cult peanut

~~4862~~ Cult peanut

~~4863~~ Cult peanut

4264-4272

⁸
4264 Cult peanut

4265 Cult alfalfa

⁸ Seed from Argentine
4266 Cult. ~~not~~ Oats

4267 Grass

In field of expt. plots of Instituto Borges
de Medeiros, ^{Viamão, near} Porto Alegre S.R.B. do Sul
Brazil 10-28-36.

4268 Orthopus sativus Brot

"Seradella" Cult forage. Introduced
from Spain. Dith local

4269 Cocos

NHS

Garden of Hotel Grande Porto Alegre

10-29-36

SI

4270 Palm

NHS

Dith local Fan shaped lf. (See 4222)

SI.

4271 Brunfelsia

"Manaca" Shrub 6-8 ft. Also seen wild

4272 ~~monocot~~ Ophiopogon japonicus Wall.

This widely used in Brazil as borders
or for terraces. Especially useful for
shaded places. Said to produce
a small flwr. at times. Introduced
from Africa according to Bot. Gard
at Rio. photo R79-6
Sdbs. F 4272

4873 *Nicotiana*

H Streets of Porto Alegre, Rio G. do Sul Brazil

J 10-30-36

K Plant 2 ft. Slightly resinous buds.

Scanty Corolla tube greenish lip lavender
SI.

H 4874 *Iridaceae*

J at Escola Aprenderado Agrícola

do Rio Grande do Sul, Near Pelotas

10-34-36 Petals blue with median ^{stigma} white

PCI

Sandy soil

H 4875 *Grass*

J Dist local. Sandy soil.

4876 - 4887

Arroyo near Pelotas R G do Sul Brazil

10-34-36

J 4876 *Nicotiana*

SI

H 4877 *Trifolium*

H 4878 *Trifolium*

H 4879 *Eryngium*

H 4880 *Grass*

H 4881

Petals pale pink tinged

H 4882 *Grass*

4883

1 spec

J 4884 *Comp.*

H 4885 *Grass*

4286 - 4296

⁸
H 4886 Grass

⁸
H 4887

Fls yellow

J 4888 Grass

Between Pelotas + Campo Grande

Juncão on RR S. R. Gr. do Sul, 11-1-36

H 4889 Grass

Ditto local.

~~4890~~ Legume

Small vine

Ditto local

4891 - 4895a

Sand dunes Barra do Rio Grande, 11-1-36

H 4891

globular

Small, shrub, half buried in sand, F. its

cream colored tinged red.

presently binds
red

J 4892

H 4893 Grass

H 4894 Grass

H 4895 Comp

J 4895a Grass

4896 - 4905

Sand dunes Viera near Rio grade

11-1-36

4896 Drosera

4297-4312

J 4897 Grass

H₅ 4898 Grass

4899 Panicum

H₅ 4899 Grass

H₅ 4901 Oenothera

H₅ 4902

Flw maroon Prostrate

H₅ 4903 Lupinus

I - clumps 1 ft high 5 across.

SI. H-273

H₅ 4904 Tillandsia

Peduncle + calyx red-purple; corolla blue

H₅ 4905

Flw white, lasting 1 day only. Aquatic

H 4906-4921 Shops in Pelotas, ^{SI only 4HS} 11-2-36

4906 Cult peanut.

SI

4907 Cult watermelon

4908 " "

4909 Cult watermelon

"Melancia Americana"

4910 Cult watermelon

"Melancia Rei de Carlo"

4911 Cult watermelon

"Melancia Valencia"

4912 Cult Tomato

"Perfeição"

4313-4324

4913 Cult Tomato

"Retiro" Apparently a local selection.

4914 Cult pumpkin

"Abobora para porco" Forage crop.

4915 Cult pumpkin

"Abobora Verde Paris"

4916 Cult pumpkin

"Abobora menina"

4917 Cult onion

"Cebolas Peras" Pear shaped bulb.

4918 Cult melon

"Melão banana"

4919 Cult melon

"Melão carvalho"

4920 Cult Strawberry

4921 Cult peanut

4922 Palm

NHS Frt dull greenish blue
when ripe

State R. Graciosa do Sul.

Park at Pelotas, Brazil 11-3-36

SI Photo R79-5.

Prob. same as 4270
said to be native to State

4923 Cult peanut

NHS

Pelotas Brazil 11-3-36

SI

H
J 4924 Nicotiana

Streets of Porto Alegre Brazil 11-4-36

4325-4338
4925-4938 Fields of Instituto Borges
de Medeiros, Viamão, near Porto Alegre
11-5-36.

J 4925 Crucifer

Flw white, sometimes pale yellow or lilac.

J 4926 Rumex

"Lengua da Vaca"

Calf sometimes poisoned by this.

J 4927 Sisyrinchium

Flw lav.

J 4928 Medicago denticulata

Excellent forage but not good for
sheep because furs stick in wool

J 4929 Medicago

Growing mixed with # 4928
variety? Much preferred as forage for
sheep because furs have no spines
SI.

J 4930 Bromus

Important forage

J 4931 Grass

J 4932 Grass

J 4933 Grass

4934 Grass

1 spec only

4935 Grass

1 spec

4936 Grass

1 spec

4937 Grass

1 spec

4938

1 spec

4³39-4³98 Presented by Instituto
Borges de Medeiros, Viamão,
State R. G. do Sul 11-5-36 N.H.S. SCI^{only}

4³39 Cult peach

"Marie Rose"

4³40 peach

"Admiravel Amarello"

4³41 peach

"Gil Mendes"

4³42 peach

"Barreto Frigio"

4³43 peach

"Precoce Rosado"

4³44-4³61 Cult beans S.I. only

4³62 *Phaseolus lunatus*

Said to be tree-like shrub, on roots
produced bacterial nodules of 5-6
cm. diam. Black & white seed

4³63 *Phaseolus lunatus* S.I. only

Same as 4362 but seed are red with white marks

(# 4³64-4³98 are selected strains & crosses
hybrids of cult. peanut. The number
symbols in red pencil on packets) refer
to original laboratory numbers & series.
At one time the geneticist (Sr. Jose Grossi)
had over five hundred strains & crosses
but he has gradually eliminated the
uninteresting items until now has
about a hundred. He hopes to reduce
the number to about 30 final types. One of

the series (I was not told which) has oil
content of over 49%.

4364-4389

~~4364~~

Archer Field
Well No

Grossman
Lab. #

4964	—	Am. I
4965	—	Am. III a
4966	—	C.S. 1
4967	—	C.S. 3
4968	—	C.S. 4
4969	—	C.S. 6
4970	—	C.S. 8
4971	—	T.B.U. 15
4972	—	T.B.U. 23
4973	—	T.B.U. 25
4974	—	T.B.U. 29
4975	—	T.B.U. 33
4976	—	T.B.U. 33
4977	—	T.B.U. 34
4978	—	T.B.U. 36
4979	—	T.B.U. 41
4980		T.B.U. 1/4
4981		T.B.U. 3/4
4982		T.B.U. 4/3
4983		T.B.U. 5/3
4984		T.B.U. 6/5
4985		T.B.U. 9/4
4986		T.B.U. 10/4
4987		T.B.U. 11/2
4988		T.B.U. 13/6
4989		T.B.U. 16/4

4390 - 4405

~~4990~~ T.B.U 17/3

~~4991~~ T.B.U 18/3

~~4992~~ T.B.U 19/3

~~4993~~ T.B.U 24/4

~~4994~~ T.B.U 26/2

~~4995~~ T.B.U 27/1

~~4996~~ T.B.U 28/3

~~4997~~ T.B.U. 31/3

~~4998~~ T.B.U 32/3

~~4999~~ - ⁵⁰~~4405~~ Montenegro State R Gr.
do Sul Brazil 11-7-36 along RR track

H ~~4999~~ Commel.

J ~~4400~~

H ~~50~~ Flw blue

J ~~4401~~

H ~~50~~

J ~~4402~~ Grass

H ~~50~~ I-clumps.

J ~~4403~~ Euphorb.

Herb about 1 foot high

Fls Bracts pale greenish. Milky latex.

Fleshy storage root

H ~~50~~

J ~~4404~~

Flw white

H ~~50~~ 05 Menthaceae

J Herb 1-2 ft Flw. white lavender

4406 - 4414

5006 Cult peanut

n H5

Rio Pardo State R. Grande do Sul

Brazil 11-7-36

SI

5007 Cult peanut

n H5

out to local.

SI

⁵⁰
4408 - ⁵⁰4419 Fazenda of Col. Jose
Antonio Pereira Rêgo, 23 K east
of Rio Pardo, State R. G. do Sul, Brazil
11-8-36.

5008

Petals white tinged with lavender.

4409 Iridaceae

Flw. brown.

Petals changing to blue when dry
6 rows in moist,
open places.. (see ⁵⁰4436)

~~4410~~

RCI

50

4410 Lentib.

Flw yellow, in swampy soil in shallow
water.

50

4411

Flw yellow, enlarged storage root.

4412 Leg.

1 spec

Flw yellow

4413 Comp.

Latex in root.

4414 Mimosia

Flw yellow

1 spec

50

4415 Mertonia

1 spec

Flw yellow

5016 Panicum

5017 6 spec

5018 "

5019 "

50 4420 5015 In streets + waste ground
of Rio Parde 11-8-36.

50

Chamarops

XJ 4420 Cult palm (Sheets 1 and 2)

15 ft high, trunk covered with loose
mat of fiber.

50 SI

H 4421 Comp

"Manzanilla" Decoction used for
stomach remedy for infants. Used
all over Latin America. Can be
purchased in any drug store.

50 4422 Allium

Flw white tinged with pink. Each
cult produces ^{dozens} of sublets and
thin great root.

50 4423 Canna

Plants 3 ft high, Flw red-orange.

SI

50 4424 Crucifer

Appears as weed in vegetable gardens.

SI Slightly enlarged root smells like radish
but has white color. Plant 3 ft Flw blue

4425 - 4429

H 50

J 4425 Grass

50

4426 Cult rice

NHS

"Arroz Santa Maria Rio Pardo, R.G. do Sul 11-8-36

This var originated from a few plants appearing spontaneously in a field near here. The owner selected the seed year after year & finally secured enough seed to plant several hundred acres.

Due to superior size & quality this rice attracted consid. attention. & an attempt was made to advertise & prod. it commercially but due to poor management the venture failed

SI.

This var. said to shatter but failing was overdone by early

harvesting. The long awn is said to discourage birds from eating seed in field.

50

4427 Palma Cocor.

Fazenda J. G. Pereira Reis

11-8-36

"Gerivá"

Foligs used as forage

23 1/2 cent
Rio Pardo

SI

Photo R 80-4-45

the drip means
of worms

50

4428 Palm

NHS

J "Butia"

SI

Photo R 80-4-46.

50

4429 Arachis marginata

Posto Zootecnico, at Tupacretan

State R G do Sul Brazil 11-11-36.

RCT.

4430-4438

50

4430 *Vicia nana*

Diff local. Cult (expt.) forage.

native to state. Seed were sent
from north of state for test.

50 9 I. Photo R81-1 Flw white tinged with lavender

4431 *Vicia nana*?

Mixed with above. Is stouter plant.

50 4432 *Zephyranthes*

Flw pink. Rare here but said to be
plentiful at Uruguayana.

R C I (1 bulb.)

50 4433 Comp.

Flw lavender.

50 4434 Grass

1 spec

~~4435-4446~~

Along road about 12 K m of
Sant'Anna, State R. Grande do Sul, Brazil

11-13-36

50

4435 *Hippocrepis*

Flw stalk ^{bulbous base} 2-3 ft long. 1 Petals
green markings at base. Flw orange red. with

50 R C I S. I. Common in this region, in swampy places
either in mud or in moist sand & margins

4436 *Indacae* - this - cult. in one garden.

Sandy hillside. Same this - cult. in one garden. Petals pale brown (See 4409)

50 4437 *Lupinus*

Flw blue + white. dry hillside among rocks
sandy soil.

50

4438 Legume with brown stripes on back

Flw yellow, fleshy tap root. Sandy hillside

~~50~~
4439 *Crachis* 4439-4449

In sandy soil, Very common but just beginning
~~50~~ 5 blossom
4440 *Panicum* ^{R.L.T.} R photo R 81-2,3,4

~~50~~ In thick mat on moist earth - swamps.

4441 Grass

~~50~~ 42 Grass

~~50~~ 43 li

~~50~~ 44 li

I - clumps

~~50~~ 45 Grass 1 spec

~~50~~
4447 Cult peanut

NHS

Sant'Anna,

11-13-36

SI

~~50~~
4446 Grass

~~50~~
4448 Malvaceae *Abutilon*
compact shrub, 3 ft diam.

Vacant lot. Sant'Anna, Rio G. do Sul
Brazil 11-14-36. (check to see if this

SI

is the fiber plant # 4038)
Cult Uruguay for fiber

Beginning Plants Uruguay

~~50~~
4449 *Crachis marginata*

7 K. s.w. of Rivera, along road to Salto.

Nov, 15, 1936.

I - fleck earth mixed
with sand

~~50~~
H ~~4450~~ - ~~5055~~ Environs of Rivera
Uruguay 11-16-36

4450-4458

~~50~~

~~4450~~ Grass

~~5051~~ 4

~~5052~~ Verbenaceae

Flw deep lav.

SI.

~~5053~~ Verbenaceae

~~5054~~ "

Flw crimson Prostrate plant.

SI

~~5055~~ Passiflora

Small vine, Sepals & Petals dull pale greenish, Staninodes lav with white band at middle. Frts when ripe yellow, size & shape hen egg. Edible "Mbunucuyá"

~~4456~~ - ~~5061~~ Rivera, Uruguay 11-16-36 shaped

~~5056~~ Hippeastrum

Flw. dark red.

Bears 1 flw to stalk & strap 1
Cult. Rivera, Uruguay 11-16-36

R C I C 1 bulb

~~5057~~ Hippeastrum

N.H.S.

Cult. ~~with~~ Petals narrow, red & white marked

said to be wild native here. Bears 5-6 flws to stalk & strap shaped

R C I

~~5058~~ Cult peanut

N.H.S.

This var. yields 37% oil yellow pellicule

SI

4459-4471

~~5059~~ Cult peanut N H S

~~5060~~ Cult peanut N H S

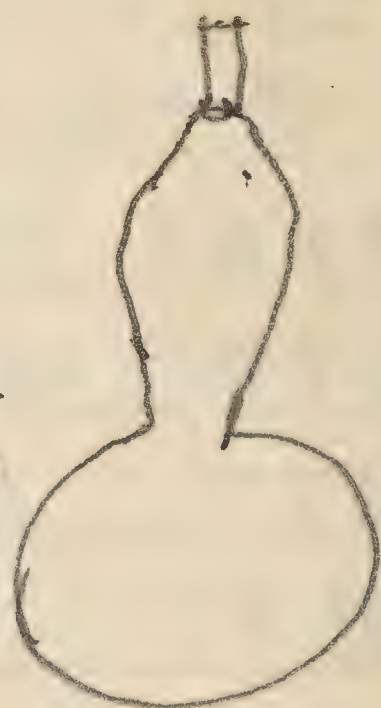
SI

~~5061~~ Lagenaria? N H S

"Yerna" "Mate"

Bottle shaped frt. 8 in. long.

Top portion used for mate
drink



SI

BEGINNING ARGENTINE COLLECTIONS

#~~5062~~ - ~~4546~~ Purchased in ~~shops~~
seed stores & markets of Buenos Aires
Argentina. 11-25-36 SI only

~~5062~~ Cult strawberry

Frt small, good flavor.

See explanation
of error in
numbering.
1st page

~~5063~~ Cult alfalfa
Native seed native.

~~5064~~ Cult lettuce
Native seed

~~5065~~ Legume

Cult as ornamental vine, also seed sometimes
as food.

~~5066~~ Cult bean

~~For hog food.~~ "Chaucha"

~~5067~~ Cult bean

~~5068~~ Cult bean

~~5069~~ Cult bean

~~5070~~ Cult bean

~~5071~~ Cult butter bean

4472 - 4494

~~50~~

~~4472~~ Cult butter pea

~~5073~~ Cult black eye pea

~~5074~~ Cult pea

~~5075~~ Cult pea

~~5076~~ " "

~~5077~~ " "

~~5078~~ " "

~~5079~~ Cult Cicer

"Garbanza"

~~5080~~ Cult bean

~~504481~~ Cult sunflower

~~504482~~ Cult popcorn

~~504483~~ Cult pumpkin

~~504484~~ Cult alfalfa

~~504485~~ Cult peanut

~~504486~~ " "

~~504487~~ " "

~~504488~~ " "

~~504489~~ " "

~~504490~~ Cult Verbena hybrids

~~504491~~ Cult melon

~~50~~ "Cantaloup de Argel"

~~4492~~ Cult melon

~~50~~ "Campeón del Mercado"

~~4493~~ Cult melon

~~50~~ "Melon azucardo de Tours"

~~4494~~ Cult watermelon

"Sandia Florida Favorita"

~~50~~

4495 Cult watermelon

~~50~~ "Sandia colorada de la Costa"

4496 Cult Cucurbita

"Zapallito redondo de Tronco"

This var. common in market. Is roasted with filling of meats etc. (see as 4504)

4496a Cult Cucumber

~~50~~ "Pepino largo verde"

4497 Cult cucumber

"Pepino chico de Rusia"

~~44~~ 98 Cult sweet corn

"Maiz dulce para choclo"

~~50~~ Native seed

4499 Cult onion

"Cebolla amarilla aglobada de

~~51~~ la Costa" Native seed

4500 Cult onion

"Cebolla colorado chata de la Costa"

~~51~~ Native seed

4501 Cult onion

~~51~~ "Cebolla amarilla chata ^{native seed} ~~inversiga~~"

4502 Cult ~~onion~~ pumpkin

"Zapallo redondo criollo"

~~51~~ Native seed

4503 Cult pumpkin

"Zapallo Español Chato"

~~51~~ 4504 Cult Cucurbita

"Zapallito redondo de Tronco"

see as 4496

4505-4515

~~51~~ 4505 Cult romaine

~~51~~ " Col negro Romano " native seed

~~4506~~ Cult basil

~~51~~ " Albahaca a hoja ancha " native seed

~~4507~~ Cult early cabbage

" Repollo crespo grueso San Juan

Temprano " Seed 2 mature in 4 mo.

~~51~~ native seed

~~4508~~ Cult ~~radish~~ chicory

" Radicheta fina de cortar "

~~51~~ native seed

~~4509~~ Cult watermelon

~~51~~ " Sandia colorada Delicia "

~~4510~~ Cult watermelon

" Sandia colorado de la corte "

~~51~~ native seed

~~4511~~ Cult tomato

" Tomato Liso Colorado Argentino "

~~51~~ ^{native} ~~argentine~~ seed

~~4512~~ Cult tomato

~~51~~ " Tomato Grueso Liso Chemin "

~~4513~~ Cult tomato

~~51~~ " Tomato Colorado Grueso "

~~4514~~ Cult melon

~~51~~ mixed varieties.

~~4515~~ Cult melon

" cantaloup hantais "

4516-4525

~~51~~
~~4516~~ Cult melon

~~51~~ "Cantaloup azucarado"
~~4517~~ Cult melon

"Melon Valenciano largo
carne amarillo."

~~51~~
~~4518~~ Cult melon

"Melon de Malta, de invierno
carne colorado"

~~51~~
~~4519~~ Cult melon

"Melon mediano, redondo"
~~51~~ Native seed.

~~4520~~ Cult melon

"Melon Brodi Bola de Oro
perfumado"

~~51~~
~~4521~~ Cult melon

"Melon redondo escrito"
~~51~~
~~4522~~ Cult melon

"Melon Vaucluse o
Cavillon"

~~51~~
~~4523~~ Cult watermelon

~~51~~ "~~Melon~~ Sandia colossal"
~~4524~~ Cult watermelon

~~51~~ "Mixed varieties, native seed"
~~4525~~ Cult alfalfa

"Alfalfa de la Pampa"
native seed

~~51~~

4526 Cult squash

" Courge a la Moelle "

~~51~~

4527 Cult squash

" Courge sucriere du Bresil "

~~51~~

4528 Cult squash

" Zapallito Largo de Tronco

Temprano & enoves "

~~51~~

4529 Cult pumpkin

" Zapallo crollo grueso "

~~51~~

native seed

4530 Cult pumpkin

" Zapallo Angola "

~~51~~

4531 Cult watermelon

" Sandia de Cremona "

~~51~~

4532 Cult watermelon

" Sandia larga de Valencia "

~~51~~

4533 Cult watermelon

" Sandia colorada redonda "

~~51~~

4534 Cult melon

Cantaloup de Argel "

~~51~~

4535 Cult melon

Melon Campeon del Mercado "

~~51~~

4536 Cult melon

" Melon azucardo de Tours "

~~51~~

4537 Cult melon

" Melon amarillo de Valencia "

~~51~~

4538 Cult onion

" Colorado de Madeira "

4539-4547

~~51~~
~~4539~~ Cult onion

~~51~~ "Oignon jaune de Gandanvers"
~~4540~~ Cult onion

"Blanca chata de la Costa"

~~51~~ native seed

~~4541~~ Cult onion

~~51~~ "amarilla de Trebans"
~~4542~~ Cult onion

~~51~~ "amarilla Valenciana"
~~4543~~ Cult onion

~~51~~ "Blanca chata de Nápoles"
~~4544~~ Cult onion

"Colorada de la Costa"

~~51~~ native seed

~~4545~~ Cult onion

~~51~~ "Colorada viva de Agosto"
~~4546~~ Cult onion

"amarilla chata de Vertus"

~~51~~ ~~51~~
~~4547-4552~~ Presented by Sr.
Origón Villanueva, Jefe Sección
Experimental Tabaco, Ministerio de
Agricultura, Buenos Aires, Argentina
11-22-36.

ST only

~~51~~
~~4547~~ Cult Tobacco

"Tabaco colorado" 5 train S.R.

Seed of 1934-35

4548-4555

~~51~~

4548 Cult tobacco

" Chileno Correntiero " Strain M.S.F

~~51~~ Seed year 1935-36

4549 Cult tobacco

" Lampago " Strain E.E.CH.

~~51~~ Seed year 1931-32

4550 Cult tobacco

" Hoja Parada " Strain E.E.CH

~~51~~ Seed year 1931-32

4551 Cult tobacco

" Chileno grande colorado "

~~51~~ Strain S.F. Seed year 1928-29

4552 Cult tobacco

" Cubano de las sierras "

Strain E.R. Seed year 1932-33

~~51~~ # 4553 — ~~51~~ 4598 From Jardin Botanico
de la Facultad de Agronomia,
Buenos Aires, Argentina, 11-27-36
Presented by Dr. L.R. Parodi.

~~51~~ 4553 Zephyranthes sp.

NHS

From Iguazú, Argentina.

R.C.I

~~51~~ 4554 Zephyranthes sp. arg. NHS

From Puerto Bertoni, Flew yellow

R.C.I

~~51~~ 4555 Hippeastrum sp

NHS

From Corrientes Arg.

R.C.I

4556-4563

~~51~~ ^{NHS}
~~4556~~ Cucurbita maxima var. boliviana
cult by Indians of Prov. de Salta. ^{Frts} Have
proper of ~~keeping~~ drying + keeping
for long time (See Parodi - p. 142 of
Relaciones Agricultura Prehispanica
etc)

~~51~~ ^{SI}
~~4557~~ Cult peanut ^{NHS}
From Santa Maria, Prov. Cordoba.

~~51~~ ^{SI}
~~4558~~ Lupinus ^{NHS}

~~51~~ ^{SI} Test for rotenone.
~~4559~~ Caesalpinia spinosa ^{NHS}
"Tara" Native to Bolivia
Frts produce 50% pure Tannin.
Seed have to be filed ^{to ensure} before germination

~~51~~ ^{SI}
~~4560~~ Zea mays tunicata ^{ear.}
Fertile male inflorescence + portion of cob.
"Maiz vestido"

~~51~~ ^{SI}
~~4561~~ Cult rice ^{NHS}

~~51~~ ^{SI}
~~4562~~ Cult melon ^{NHS}

~~51~~ ^{SI}
~~4563~~ Cult watermelon ^{NHS}

~~51~~ ^{SI}
~~4561a~~ Cult corn
^{SI} "maiz arco iris"

~~51~~
~~4564~~ Cult watermelon N#9

~~51~~ ST
~~4565~~ Cult ~~pumpkin~~ Cucurbita moschata N#9
 Frt curved

ST
~~51~~ ~~4566~~ Cult Cucurbita maxima N#5
 Fr Province of Salto

~~51~~ ST
~~4567~~ Cult Tobacco N#5

~~51~~ ST
~~4568~~ Adesma avellana ^{Goap}
 Native. Erect herb. Fls yellow. Forage

~~51~~ ST
~~4569~~ Arachis villosa
 Prostrate, ~~root~~ fleshy tap root.
 Photo R82-1

~~51~~
~~4570~~ Medicago minima
 Prostrate. Fls yellow Native

ST R82-1
~~51~~ ~~4571~~ Chenopodium quinoa Willd.

Sterile spec. Reaches height 4 ft ^{Thell.}
 before flowering. Native var. leucospermus

~~51~~
~~4572~~ ~~Chenopodium~~ Amaranthus ^{caudatus L.} ~~quinoa~~
 Seed said to be edible. Herb 2 ft.

Native.

~~51~~
~~4573~~ Verbena

Shrubby 2 ft high. Corolla violet-purple
 above, pale below Native

4574-4583

~~51~~ 4574 *Fabiana imbricata*

~~51~~ Shrub 5 ft. Flw white native

~~4575~~ *Valeriana polystacha*

~~51~~ Native.

~~4576~~ *Cestrum parkii*

Shrub 8 ft. Corolla yellow-green

~~51~~ Poisonous. Native

~~4577~~ *Cestrum pseudoguianense*

Shrub 10 ft. ^{Fly-musty odor} Corolla lip yellow, tube pale orange. Native.

~~4578~~ *Jaborosa integrifolia*

~~51~~ "Flor de Sapo" Native

~~4579~~ *Salvia coerulescens*?

~~51~~ Flw blue. Native

~~4580~~ *Citharexylon barbinerve*

Tree, produces very hard lumber.

Flw cream, perfumed. Cult in parks

~~51~~ Fts red when ripe Native

~~4581~~ *Lippia citriodora*

"Cedron" Shrub. Native also cult.

for lemon odored leaf. Corolla white lip

tube purple. Refreshing tee made for loc.

~~51~~ S I

~~4582~~ *Spilanthes decumbens*

~~51~~ Native ~~from~~ B. Aires area.

~~4583~~ *Nicotiana*

Native

~~51~~ 4584 Malvaceae

Shrub 15 ft. Flw deep rose.

~~51~~ 4585 *Arduina siapora*

Shrub 4 ft. Flw white, scented. Frt red

~~51~~ Native to Africa austral.

~~51~~ 4586 *Limnathemum Humboldtianum*

Native.

~~51~~ 4587 *Plumbago* ^{concolor} white.

Shrub 2 ft. Strips of roots used by Indians to make indelible blue marks on face & body.

~~51~~ Native Prov. Salta.

~~51~~ 4588 *Daphnopsis racemosa*

"Gaira" Slender shrub 3 ft.

Native Prov Entre Rios Delta of Rio

~~51~~ Parana.

~~51~~ 4589 *Feijoa sellowiana*

"Guayaba negra" Tree like shrub 10 ft. Petals rose, stamens red

~~51~~ Native.

~~51~~ 4590 *Hydrocotyle bonariensis*

"Redonditas" Flw pale greenish

~~51~~ Native

~~51~~ 4591 *Blumenbachia wrens.*

Prostrate, with short runners, stinging hairs; Petals white,

inner ones orange & red markings

Native

4592-4600

~~51~~

~~4592~~ *Passiflora coerulea*

"Pasionaria" Petals pale greenish-
cream, Stamens lavender & white.

~~51~~ Native.

~~4593~~ *Abutilon striata*

Shrub 10 ft. Petals brown.

~~51~~ Cult - Guatemala

~~4594~~ *Commelina virginica*

^{upper surface green}
Petals under of surface purplish-red.

Petals lavender tinged. Native Brazil

~~51~~ + Argentina

~~4595~~ *Pontederia cordata*

~~51~~ Fls blue. Native Rio Paraná.

~~4596~~ *Hydromyrtia* sp

~~51~~ Fls colorless. Native Rio Paraná.

~~4597~~ *Sagittaria montevidensis*

~~51~~ Petals cream. Native Rio de la Plata.

~~4598~~ *Hydrocleis nymphoides*

Petals yellow Native Rio Paraná

~~51~~

~~4599~~ Cult apricot

NHS

"Damasco" Fls small about 1 in long.

SI.

11-27-36 B. Ains.

~~52~~

~~52~~

~~4600~~ - ~~4607~~ Shops at Posadas, (Misiones)

Argentina 12-5-36

SI only NHS

~~52~~ 00 Cult peanut

SI

~~5201~~ cult peanut
SI.

4601-4610

~~5202~~ cult peanut

"Tucurú" var. These seed very old
but believed they will germinate with
care

SI

~~5203~~ cult peanut

"Tucurú" Seed several yrs old.

SI.

~~5204~~ Luffa cylindrica?

"Esponja enredadera"

SI Photo. R83-2

~~5205~~ cult melon

~~5206~~ cult melon

~~5207~~ Cyclanthera

"Calabazita" cult vine. Fts edible.

~~52~~
4605-4610

Streets of Posadas, (Misiones) Argentina

12-7-36

~~5208~~ Nicotiana sp

Herb 2-3 ft. Flw pale greenish outside
white inside
SI sometimes lav. tinged
Producing basal rosette of lv. in yg stage

~~52~~

4609 Verbena

Prostrate Flw purple

~~52~~ SI

~~4610~~ Rumex

~~52~~ 11 - ~~52~~ 15

on road betw Posadas & Bonpland.
Prov. Misiones.
Dec 8 1936

4611-4617

~~52~~
4611 Convol.

~~52~~ Vine ~~later~~ Flw pink.

4612 Convol

~~52~~ Vine ^{later} Flw pink.

4613 Comp.

Flw red

~~52~~
4614 Passiflora

SI Flt orange about 2 in long 1 1/2 wide

Pulp around seed red. Flt white

SI

~~52~~
4615 Fern

~~52~~ 16 - ~~52~~ 17

Bonpland Misiones Dec 8 1936

~~52~~
4616 Cult Tob. N.H.S.

SI "Chileno guazú"

Native to Misiones.

SI

~~52~~ 17 Cult Tob

"Amarelinha" yellow Tob.

Seed - ported from Rio Grande do Sul
Brazil

SI.

~~52~~ 18 - ~~52~~ 21

Vicinity Bonpland
(Misiones) Argentina

Dec 9 1936

~~52~~
4618 Grass

4618 - 4623

"Periquita" *Gramma paraguayana*

used as erosion control by farmers of vicinity. food forage. Resists freezing

SI

~~Herb. no. as #~~

Photo R83-⁵⁴⁶₁ Fungus H-275

~~52~~
4619 Passiflora

"Mburucuyá" Frt edible

~~52~~
4620

"Maracuyá" Vine. Petals green below white on ~~inner~~ margins. Frt edible

~~52~~
4621 *Cucumis* sp

"Pepino" Vine Flw yellow Frt faint striped. Frt edible raw or as pickles. Odor of cucumber

SI.

~~52~~
4622 - 23 Santa Anna (Misiones)

Argentina. Dec 10 1936 SI only

~~52~~
4622 Cult peanut

~~52~~ "negro"

4623 Cult peanut

"Rojo"

~~52~~ 24 ~~4626~~ along road between Posadas & Candelaria, (Misiones) Arg.

Dec 10 - 1936

4624-4633

~~52~~

#624 Arachis

In hard, red soil, often in
stony soil

R.C.I. Fungus H-276

~~52~~

4625 Verbena

Prostrate Flw crimson.

~~52~~ I.

4626 Lantana Plantago

~~52~~ 4627 - 4633

Near Posadas, along banks Rio
Parana. 12-11-36

~~52~~

4627

~~52~~ Flw lilac

4628 Comp.

~~52~~ Petals lilac.

4629

~~52~~ Petals rose

4630 Grass

~~52~~ I - small clumps

4631

~~52~~ Flw whitish prostrate plant

4632

~~52~~ Flw yellow

4633 Eryngium

Flw white

4634-4641

~~52~~
4634 Cult peanut

N.H.S.

SI Posadas (Misiones) Argentina

Dec 12 1936

~~52~~
4635 Cult melon

N.H.S.

SI Ortho local.

Beginning Plants Paraguay

~~52~~ 36-

Villa Encarnacion

Dec 14 1936

~~52~~
4636 Vitis

Cult for shade. Said to be native. ^{But not verified}

Frt. small about 1 cm diam 1-3 seeded

Purple with dusty blue bloom. ^{Very prolific}

SI.

Taste sweet but insipid. Used for wine.

~~52~~
4637 Ilex

"Yerba mate" Small tree

~~52~~
4638 Cult peanut

N.H.S.

SI "Colorado"

4639 Cult peanut

N.H.S.

~~52~~
SI "Aba"

4640 Cult bean

N.H.S.

Avilla de 6 meses"

~~52~~
SI

4641 Cult bean

N.H.S.

"Poroto todo el año" Eaten green or dry seed. Is perennial and when crop matures

vines cut off shoot from roots again

SI

Pods ab. curved 8 in long

4642-4649

~~52~~ Cult

4642 Lupinus?

NHS

"Haba" lg fls + dry seed edible

Flw seed be yellow

~~52~~ SI

4643 Cult bean

NHS

"Avilla hū"

~~52~~ SI

4644 Cult bean

NHS

"Curmandā"

~~52~~ SI

4645 Cult bean

NHS

"Soperin" Produces yr arrow.

~~52~~ SI

4646 Cult bean

NHS

"Poroto cuarenta" Produces -

40 days

~~52~~ I

4647 Cult bean

NHS

"Poroto blanco arroz"

~~52~~ SI

4648 Cult bean

NHS

"Arveja"

~~52~~ SI

4649 Cult tob

NHS

"Pet'hū"

"Tobaco parvā"

Leaf large, black
when used (see spec. of black exudate)

SI

4650-4658

~~52~~
4650 Cult watermelon

"Sadia amarilla" yellow meat
Brown seed

~~52~~ SI

4651 Cult watermelon

~~52~~ SI. Black seed

4652 Cult melon

~~52~~ SI

4653 Cult pumpkin

"Zapallo duro" Fruits flattened, about
6 in diam. Keeps at least 12 mo. if left
left on.

~~52~~ SI.

4654 Cult pumpkin

"Zapallo guachico."

~~52~~
4655 - 4662

San Miguel Arcángel

3 Km n of Villa Encarnación.

Dec 14 1936

~~52~~

4655 Arachis
"manduvi"

~~52~~ SI

Large plants from cult soil
4656 4655a ³ seed " from hard soil - road.

"Altamisa" Flw used as heart stimulant

~~52~~

4657

"Peladilla" Flws for sudorific - fever
to & etc as refreshing tea used with

~~52~~ mate.

~~52~~
4658

"Quebracho" Used in dysentery.

~~52~~ 4659 cult watermelon 4659-4669
NHS

~~52~~ I

4660 cult watermelon NHS

~~52~~ I

4661 cult Hippeastrum NHS

~~52~~ I

Fls said to be white.

4662 Solanum NHS

"Papa silvestre"

R C I (3 tubers)

~~52~~ #4663-4669

Streets of Villarica

Paraguay 12-16-36

~~52~~

4663

"abatien" Shrub 2-3 ft.

Petals fleshy pale cream outside,
dark red tinged inside. Frt ^{not seen} ~~said~~

to be edible

~~52~~ 4664 Arachis marginata var

R C I 4664

~~52~~ 4665

Fls white prostrate plant

~~52~~ 4666 Verbena

~~52~~ Prostrate Fls crimson

4667 Verbenaceae

Lf rank odor

Shrub, enlarged root, corolla white with

~~52~~ yellow throat.

4668

~~52~~ Lf. used with mate as refreshment.

4669 Amaryllidaceae.

Petals white tinged with green stamens ^{anthers black} & pistil ^{purple} red
Fls peduncle reddish, solid

~~52~~
4670-4686 Tatatu
8 k. n. of Villavieja
along road 12-16-36

4670-4680

~~52~~ 70 arachis

R C I

narrow leaf plants in silt
others in hard red soil.

~~52~~

4671 grass

"Gramma roja"

~~52~~

4672 grass

~~52~~

4673 grass

~~52~~

4674 Cleome

~~ST~~ Flw pale greenish
~~try for insecticide.~~

~~52~~

4675

Shrub 3 ft. Lvs crushed has odor lemon.

~~52~~

4676

Shrub 4 ft Fl red

~~52~~

4677 Verbenaceae

Shrub like tree ~~to~~ 20 ft. Flw white, sweet
scented, ~~to also scented~~ aromatic.

~~52~~

4678 Verben.

Slender shrub 6 ft. Flw white, sweet scented
lv. aromatic. Lower parts stem

~~52~~ thorny.

~~52~~ 4679 Verben

Slender shrub 8 ft. Crushed lf smells

~~52~~ witch hazel.

~~52~~ 4680 Sapind.

Shrub 5 ft fl red.

~~52~~

4681 Desmanthus?

4681-4691

Semi climbing 15 ft.

~~52~~

4682

Tree, produces lumber Latex.

4683 Comp.

4684 Laguncularia

NHS

spindle shaped
Frt. used for mate containers. Cult.

~~52~~ S.I

4685 Cult Tob.

NHS

"Canela"

~~52~~ S.I

4686 Cult Tob.

NHS.

"Via pagar mi cuenta"

Heavy produces Lf. Long pointed

S.I

~~52~~

#4687 - 4709

Market Villavieja

12-17-36

~~52~~ 4687 Acanthopogon

"Tapegué"

~~52~~ Used for foot sores.

4688 Fern

~~52~~ "Doradilla" used for stomach pain

4689

"Culantilla"

~~52~~ Used as remedy blood purifier

4690 Comp

"Concha de agua" Stomach disorders

~~52~~ 4691 Rhyssalis?

"Guelte co anelte" Refreshant with mate."

#4692 - 5292 - no fls. S. I only
52 4692 Convolv. ? *P. affinis*
"Batalilla" used as refreshment with
mato. Omit

4692-4700

52 RCE

4693 Cult corn

52 "mañ duro"

4694 Cult bean

52 "avilla"

4695 Comp.

"Asafrán" Used for coloring

52 Blue flws also sold. Seed remedy
- fevers.

4696 Cult bean

52 4697 Cult bean

52 "Poroto de manteca"

4698 Cult melon

52 4699 Eugenia

"~~Uva~~ Uva" "Uva" "Uva"

Said to be a shrub about 15 ft.

Frts roundish, slightly flattened at
poles, about 2 X 1 1/2 cm. Calyx
persistent, dark reddish purple
Flesh consistency of grape. Slightly
sweet. Seed green 1-3 in a fruit.

In general appear. the fruit looks
like large fruit of *Vaccinium* (See 4755)

53 blue berry Large tree. Frts - the
refresh. drink.

4700 *Genipa americana*

"Ñ adubá" Frt 5 X 6 cm. oval
looks like a small melon, pale straw
color skin, pulp & flesh same color
sour odor, ~~attractive~~ taste slightly acid
like baked apple Seed numerous.

53

4701 cult cucurbit

"Zapallito duro"

Frt. ~~7x12~~ 7-10 x 4-5 cm.

Color rind whitish green. Very

~~53~~ hard, keeps for one yr & rec.4702 *Rheedia guianensis* Hass

"Pacuri" Frts round 3-4 cm.

Bright yellow, contains 2-3 large seed that fill the cavity. Each seed with a thin white fleshy layer, lemon taste. The white color soon oxidizes

~~53~~ to brown. Large tree. Rind is used as remedy. Pulp for refreshing drink4703 *Campomanesia* ~~obovata~~

"Guatirani" Frts about

2 cm dia round. green, with minute pale brown speckles. Content sweet, grape like flesh with 5 seed. Shrub 8 ft

4704 *Cult Citrus*

"Apebó" Frts 5-7 cm. slightly flattened & poles. Peel fragile

& puffy inside. Bright orange color

Flesh like lemon looks like orange but

taste like ~~lemon~~ grapefruit. ~~what was right~~~~expect if lemon~~ This ^{los of this} ~~may be~~ is bitter orange ^{produce commercial petit grain} ~~from which~~ ~~is made~~

Frt Used to make wine &

bottled soft drink. Extensive growths

of this plant occur wild in Paraguay.

Produces large tree.

4705-4715

~~53~~

4705 Cult peanut

Mixed var. integuments white, red
f black.

~~53~~

4706 Cult peanut

~~53~~

4707 " "

5308 Cult corn

~~53~~

5309 " "

~~53~~10 - 4711

Streets of Villa Rica 12-17-36

~~53~~

5310 Corp.

Shrub 1-2 ft Flw yellow.

~~53~~

5311 Cuscuta

Flw white frt pale brownish.

#

~~53~~12 - 4722

Bot Garden

Dec 21 - 1936 Santissima Trinidad

5312 Rhynchosia

SI.

Flw yellow Insecticide!

~~53~~

5313 Tephrosia?

Flw blue & white Root strong odor Insect.

SI

~~53~~

5314 Salacia cassifolia

Semi climber, Flw edible

SI.

~~53~~

5315 Leg.

Flw dark reddish

~~53~~
~~4716~~

4716 - 4731

Flw yellow

~~53~~ 17

Flw yellow. F + Kt. plots for trial forage

~~53~~ 18

Flw lavender & lavender tinged.

~~53~~ 19

Flw dark red

~~53~~ 20 Comp.

~~53~~ 21 *Paspalum compressum*

~~53~~ 22

Erosion control. Forage.

~~47~~ 22 *Senecio* "Kaapipe Cabayü"
(means horse grass)

Tree Petals white faded & cream

F + edible

~~53~~ 23 - 4754

San Bernadino

12 - 23 - 36

In sandy soil ^{Edge} of town

~~53~~ 23 *Cyper.*

~~53~~ 24 *Eucroton*

~~53~~ 25 *Forsteronia leptophylla*

~~53~~ 26 *Bucknera*

~~53~~ 27 Comp

Petals white

~~53~~ 28 Comp

Petals pale yellow

~~53~~ 29 *Tanaisia*

~~53~~ 30 *Froedichia lanata*

~~53~~ 31 *Anisomeris obtusa*

Slender branched shrub. Flw pale yellow

~~5332~~

~~5333~~ Sapium
Small tree.

4732-4755

"Marcela"

Used as intestinal
disinfectant. E sp.
appendicitis. Even
prescribed by local
doctors.

~~5334~~ Ipomoea malva^{ioides}

~~5335~~ Martynia montevidensis

~~5336~~ Pithecoctenium echinatum

~~5337~~ Achyrocline satureioides

~~5338~~ Anona canifolia
Shrub 3 ft.

~~5339~~ Anona nutans
Shrub 4 ft.

~~5340~~

~~5341~~ Portulaca

^{Petal}
Fls white with red spot at base

~~5342~~ Cassia serpens

~~5343~~ Sisyrinchium chilensis

~~5344~~ Serjania caracasana

~~5345~~ Acanthospermum santioides.

~~5346~~ Sweetia

Small tree

~~5347~~ Acanthonychia

~~5348~~ Sida aff. verum

~~5349~~ Vernonia lorentensis

~~5350~~ " sp.

~~5351~~ Petunia

~~5352~~

~~5353~~ comp.

~~5354~~ Zornia

~~5355~~ Eugenia

Cult as shade + for fruit. - Town
(See Rojas 7437) (See Archer # 4699)

~~5356~~ Zephyranthes 4756-4766 N H S
Cult. Fls white. Native

~~5357~~ Cult castor bean N H S
R C I
S I (B lack seed are supposed
to have highest oil content.

#~~5358~~ San Lorenzo
Dec 24 1936

~~5358~~ Arachis
along road to Asuncion highway railway embankment
S I Many fruits borne 2 on peduncle.

~~5359~~ Sida
Shrub 6-17 in Petals pale yellow
with dark purple spot at base

~~5360~~

~~5361~~ Passiflora

~~5362~~ Cult too N H S
"Pety canela-i"
S I

~~5363~~ Cult too N H S
"Pety chai" (means 'winkled leaf')
S I

~~5364~~ Cult too N H S
"Para pagar su cuenta"
S I

~~5365~~ Cult too N H S
Mixed var.
S I

~~5366~~ Cult too N H S
"Romero"
S I

5367 Cult. ~~Holcus~~ Sorghum N H S

"Sorgo perene"

4767-4772

Perennial ~~sorghum~~, lasting 10 yrs.

Seed secured in the Chaco and said to have come originally from Mato Grosso of Brazil.

SI

5368

Flw indistinct pale brownish

5369

Petals whitish with dk purple spot at base

5370 Sida

Shrub 3 ft. Petals yellow with dk purple spot at base.

5371 Cult pineapple

N H S

"Abacachi del par"

Said to have originated in Brazil but has been cult. in Paraguay for centuries. Frt small, about 6 inches 8-9 in long, flesh white very sweet & juicy.

SEI Sdly I.

5372 - 5373 Presented by
Jardin Botanico, San Trinidad
12-24-36.

5372 Cult Sorghum

N H S

"Sorgo azucarado" Seed originally from Carandaity, Chaco. Juice of stalk of this is sweet.

SI

~~5373~~ *Stevia rebandiana* Best.

"Caá hee"

4773-4780

Cult in gardens 3 yrs ago.

SI. Lf. contains rare sugar. Used locally, small scale to prepare drink for diabetics. Sugar does not ferment.

#~~5374~~ - 4777

Asunción, ~~street~~

12-24-36

~~5374~~ *Physalis*

I - street

~~5375~~ *Euphorbia*

Cult. Weed in garden

Shrub slender branches 4 ft long.

~~5376~~ *Oenothera paniculata*?

"Caáwúipé"

Diuretic remedy. Used extensively
Roots are sold in market

~~5377~~ Leg. *Tipuana Tipa*

Large tree cult for shade.

"Tipa" native to no. Argentina.

#~~5378~~ - ~~5392~~

Market Asunción

12-27-36.

~~5378~~ *Piper*

"Jáwarúmbi" used for coughs.

~~5379~~

"Cepa caballo" Blood disorders

~~5380~~ *Carex*

"Partillo chico" used as mouth wash
in tooth aches

~~5381~~ ^{Verbenaceae} (Adron)

4781-4790

"Cordon Paraguaya"

used in heart diseases.
It has lemon odor Flw white.

~~5382~~ Eucalyptus

"Eucalypto" Cough remedy

~~5383~~

"Aguapé puruá" For stomach gas
& digestive disorders.

~~5384~~

"Tupacú cámbu" General remedy

~~5385~~

"Poleo de castilla" Remedy for
tumours & stomach pains. Aromatic lf.

~~5386~~

"Perudilla blanca" Used as refreshing
beverage.

~~5387~~ Malvaceae

"Malva blanca" Remedy for cough
& inflammations.

~~5388~~

"Vervena" General remedy. Also
for coughs.

~~5389~~

"Cabaracaá" Remedy for diarrhoea
diarrhea.

~~5390~~ Cult oats 3

NHS

"Cebada Paraguaya" Seed used to
make beverage. This strain has been
cult for centuries.
ST

~~5391~~ Cult potato
"Papa chileno"
RCT

NH5

4791-4809

~~5392~~ Cult potato
"Papa chileno"
RCT

NH5

~~5393~~ - ~~5397~~
~~4793~~ - ~~4797~~
12-29-36

market Asunción

~~5393~~ Cult peanut

~~5394~~ " "

~~5395~~ " "

~~5396~~ " "

~~5397~~ " "

~~5398~~ - ~~4819~~ Caacupe, 12-31-36

note ~~5398~~ - ~~5401~~ collected Archer + Rojas."

~~5398~~ Kyllingia odorata

Roots used to flavor "caña" Anis flavor
"Capii cati"

~~5399~~ Paspalum.

~~5400~~ Eclipta.

~~5401~~ Elephantopus

~~5402~~ Acalyphaⁿ

~~5403~~ Acacia.

~~544804~~ Dorstenia

~~544805~~ Corchorus

~~544806~~ Agrostis

~~544807~~ Amaranthus

~~544808~~ Hyptis

~~544809~~ Anona

Shrub 3 ft F. edible "araticu-guazú"

Infusion root for
"Taropé" throat
ulcers
antiseptic
pleasant
taste.

"yute"

"Cañuru"

#4810 Tournefortia

4810-4823

#4811 Cestrum

Shrub 12 ft

#4812 Craton

Arbol 1 1/2 meters

#4813 Sebastiana

Small tree "Huata avroya"

#4814 Grass

#4815 Iresine

seedy herb.

Shrub 1 meter "WBO" M boy caá "Infusion for asthma."

#4816 Acacia

"Ugueri - guagü"

Small tree Shrub 12 ft. Fls white.

#4817 Inga

small tree

#4818 Arachis

Sandy soil, red colored.

#4819 Seguirea

Shrub, procumbent branches.

#4820 - 4847

Between ~~to~~ Estero

avroya Tobaty, near Tobaty.

Jan 1 1937

#4820 Mimosa

Shrub 3 meters. Fls rose. Wet place

SI

#4821 Verbena

Herb 1-3 ft. Fls blue

SI.

#4822 Chloris

Sandy soil.

#4823 Aristida

54824 Baccharis
Globular herb.

4824-4842

54825 Inga

54

Frts. Same sp? as 4817 Frts edible

54826 Lantana

Shrub 3 ft. L. aromatic. Flw rose.

54827 Drypetalum

54828 Rapanea

Shrub. "Canelón" used as adulterant of mate!

54829 Cyperus

54830 Axonopus

54831 Macroziphonia

Flw white open at night ^{poisonous to animals} "pin-pin"

54832 Vernonia lorentensis

Single stalk, 1 1/2 meters erect

54833 Cop.

Flw pale yellow

54834 Mimosa

54835 Eragrostis

54836 Panicum

54837 Cyphea

Flw rose

54838 Paspalum

54839 "

I - deep shade & sand.

54840 Ilex.

Shrub 3 M

"Aperrea-caa"

54841 Croton

Mixed with "yerba mate" to give bitter flavor.

Tree

"Sangre de drago"

54842 Miconia

shrub

#4843 Panicum
I - deep shade

4843-4857

#4844 Panicum
Deep soil

#4845 Besneria
Flw pale yellow

#4846 Solidago

"mbui."

#4847 Justicia

#4848 - 4873²

+ Tobaty.

Road betw. Caacupe

Enero 2 1937

#4848 Forsteronia
Climber

#4849 Jatropha

#4850 Passiflora
SI

#4851 Arachis

Sandy soil, white. RCI

#4852 Scleria

Root Rhizome sweet scented

#4853 Mayaca

moist soil.

#4854 Buchneria

#4855 Schimous

Small tree

#4856 Melochia

~~4856 Aphyllanthosia~~

~~Shrub + M.~~

#4857 Oxalis

#4858 Leptochloa

4858-4875

#4859 ~~Eup~~ Myrtaceae

Shrub in grass association 1 ft high
Fl sweet, edible. "yva poro-mbleu"

#4860 Eriodolus

Prostrate Fl blue

#4861 Heliotropium

Flw yellow

#4862 Asteroclina chlaena

Flw pale yellow with red center.

#4863 Ipomoea malvoides, var.

#4864 Melochia

Poisonous to horses.
"Caavo pochi"

#4865 Grass

#4866 Mimosa

#4867 Cordia

#4868 Convolv.

Flw white

#4869 Andropogon

#4870 Cassia

#4871 Sebastiana

Shrub Flw greenish

#4872 Myrtaceae

Shrub Used for rough brooms: country.

#4873 Cassia

"Tîpî cha caati"

(54)

#4874 - 4878 ~~Cassia~~ Cult bean N HS 1-1-37

Caacupé, Paraguay Jan 1 1937

ST

#4875 Protium heptaphyllum N HS

Ditb local. Spec of resin. Used for
rheumatism & tooth ache. "yey"
(spec. of resin) Large tree

#4876 cult corn
Orth local

NHS
4876-4883

#4877 cult corn
Orth local.
SI

NHS

#4878 cult watermelon
yellow meat Orth local
SI

#4879 cult Tob.
mixed var.

NHS

Cabaña Paraguay 1-1-37

SI

#4880 cult Tob NHS

"Carapé - guazú" (means
low + large)

near Tobaty, Paraguay

1-2-37

SI

~~#4881-4884~~ Tobaty, Paraguay

1-2-37

SI only

#4881 cult peanut

NHS

SI

#4882 cult corn

"maïs flanda" cult. especially
for a type of bread.

SI.

#4883 cult Tob

"anis" used if has odor anise
(test spec only)

4884 Cult melon

4884-4896

Fits 9 X 5 cm. oval, brown & yellow striped. Very aromatic but taste insipid
SI.

~~#4885 - 4892~~ ~~along road between~~
~~Caacupe & Tobaty~~ Jan 2 1937
Sierra de Tobaty

4885 Olyria

4886 Panicum

Grows in deep shade under trees

SI.

Known in sim loc. in other
places in Paraguay. Resist
freezing.

4887 Panicum

4888 Clitoria

SI.

Infrequent.

4889 Justicia

4890 Papilionacea

Shrub

4891 Stevia balansa

4892 Ichnanthus

In rocks. 5501

~~#4893 - 4901~~ Along road betw

Caacupe & Tobaty. Jan 2 1937

4893 Comp.

4894 Isostigma

4895 Paspalum

Dry roadway

4896 Melothria

Vine climbing

SI

54897 Cassia

4897-4907

54898 Erythroxylum

Shrub 1 1/2 meters.

54899 Bouveria

54900 Rhynchosia hagenbeckii

Shrub 1 m. "wuzi hee"

4901 Myrtaceae

Shrub 1 ft high. Frt edible

"Ira yoo" Yvaproi - Tymē

54902 - 4912 Jardin Botánico

Santísima Trinidad Paraguay

Jul 5 1937

54903 ~~Grass~~ Pseudo-echinolaena^{Phytolacca}

Grows in shade

54903 Grass

54904 Arachis

I - sandy salt soil

RCE

5505 Pilocarpus

Shrub 10 ft. Lf contains pilocarpine

used in medicine + for fevers.

54906 Ananas sativus var typica

Semi wild. Frt edible very sweet.

55 Photo. R88-3 Sdlg I

54907 Ananas sativus var. bracteata

"Abafasi tupe" Semi wild

Produces year around Frt edible
also for vinegar + wine. Lf 3 1/2 ft long.
Fiber removed from leaf. Sdlg I. Photo. R88-5

~~55~~ 4908 *Ananas macrodonta* 4908-4915
Entirely wild. Fiber from leaf used
to string tob. for curing
"Yvira" Photo R 88-67

~~55~~ 4909 *Solanum chacoensis* Bitter NHS
RCE The Paraguay Dept Agr. has made
a cross betw this & the cult potato.
The tubers of *S. chacoensis* are edible.

~~55~~ 4910 *Cassia grandis* NHS
S. coll. Indigenous tree.

~~55~~ 4911 *Cassia fistula* NHS

~~55~~ S. coll.

4912 *Dioclea paraguayensis* Hassler
Seed & frts only. Is ^{giant} woody vine with
beautiful ^{violet} fls. would make good
ornamental. Seed are used by Indians
to burnish pottery. "Uruguay"

~~55~~ S. I.

4913 *Stevia rebaudiana* NHS

A.S. (See reference) in. Anales

Cientificos Paraguayos Ser II num 2 1918
1918. p. 129-134

Spec. presented by Sr. Jimenez

Grown at Puerto Bertoni Alto Parana
1936

~~55~~ 4914 *Gouania* / *Hippeastrum* NHS

Cult near Tobaty. Paraguay 1-3-37.

Fls said to be white & pink marked
native

RCE

~~55~~ 4915 - 4917 Seed purchased from

Banco Agrícola Asunción. 1-4-37

~~55~~ 4915 cult tobacco NHS

"Chileno guazú"

S. I.

~~49~~16 cult tob.

4916-4924

"Carape"

SI

~~55~~4917 cult tob.

"Santa Elena"

SI

~~55~~4918-~~4923~~ Jardin Botanic 1-6-37

Paraguay 1-6-37

~~55~~4919 Cocor

SI

Little local native.

~~55~~20 Mayrica candida Hassler

RCE

Orn.

~~55~~21 Cyphella coriifolia Baker

NHS

"Ribarbo"

~~55~~RCE

4922 Cult corn.

NHS

This is one of the soft corns favored
for making a special bread.

Also for roasting ears

~~55~~SI

4923 Chodanthus splendens Hassler

NHS

SI

Orn.

~~55~~4924-

Medical herbs from

market Asuncion

1-8-37

~~55~~4924 Scoparia dulcis

Insecticide

"Tyrpycha curatui"

used for body
vermin

SI

~~55~~ 4925 Begonia

4925-4935

"Arcial" used as gargle for sore throat.

~~55~~ 4926 Mentha

"Mentha" Used for worms - children.

~~55~~ 4927 Plantago

"Llanten" As gargle sore throat & for tooth ache.

4928 Argemone mexicana

"Cardo santo" As tea for female disorders. The seed are a purge.

4929 Schinusus therobintifolius

"molle mi" Gargle & to wash wounds

Shrub 1 ft.

~~55~~ 4930 Euphorbia

"Tupacú Camby" Refreshing beverage

Also for "flor de blanca" a woman's

disease.

4931 Cyper.

"Espartillo mi" Blood purifier -

women's disorders.

4932 Mentha

(Seed to Royce.)

~~55~~ "Yerba buena" For worms - children

4933 Chenopodium

"Quino quino" Used as tea for internal

injuries.

4934 Cop

"Yerba marcela" stomach aches

Smells of sage.

~~55~~ 4935 Cayaponia

"Tayuya" Root, blood purifier. 1-9-37
Street Asunción

~~55~~
~~4936~~ - ~~4942~~ campo Grande near -
Jardin Botânico Paraguay
1-10-37
9

4936-4947

~~55~~
4936 Comp.

Herb, stalk umbellated below 1 meter
tall. Aromatic. Resinous

~~55~~
4937 Gomphrena

Sandy soil Fls pink.
~~55~~
4938

~~55~~
Sandy soil. Herb 1 meter Fls light pink

~~55~~
4939 Eryngium

Root aromatic

~~55~~
4940 Grass

~~55~~
4941 Arachis

~~55~~
4942 Passiflora

SI

~~55~~
4943 Disciphania hassleri Chod.

"Parval silvestre" male plant.

(See Rojas 5663) Fruit edible taste like
apple.

~~55~~
4944 ~~5544~~ - 4947 Jardin Botânico

Sant. Trinidad Paraguay 1-10-37
9

~~55~~
4944 Zephyranthes

all out perhaps indigenous
~~55~~
RCE

4945 Zephyranthes N HS

RCE native.

~~55~~
4946 Aristolochia elegans N HS

SI.

Nov 1936.

~~55~~
4947 Hymenaea stigonocarpa N HS

Tree 10-15 m. Edible fruit.

"Yataibá"
SI

~~4948~~ Passiflora

4948-4953

~~55~~ campo Grande, near Jardin Botánico
1-9-37

Beginning Argentine Collection

~~55~~ #4949 - ~~55~~ 4951 Bonpland (Misiones)
Argentina. Dec. 1936.

Presented by Mr. E. F. Barwick

Cia Nobileza de Tabacos

Bonpland, (Misiones) Argentina.

~~55~~ 4949 cult too.

11 HS

"Chileno grande amarillo"

SI.

~~55~~ 4950 cult too.

11 HS

"Chileno grande Colorado"

SI

~~55~~ 4951 cult peanut

11 HS

"Tucurú"

SI.

~~55~~ #4952 - 4955

Playa Real de

San Carlos, 7 K. n. of Colonia,

Uruguay, Jan. 17, 1937

~~55~~

X # 4952 Arachis

(I - pure sand along river banks!)

SI.

4953 Paspalum

Sand binder - dunes.

SI.

~~55~~
4954 Comp.

4954-4963

Prostrate branches.

~~55~~
4955 ~~legume~~ Erythrina ~~5-clump~~

Shrub, bushy 3 ft. Flw coral red

~~55~~
4956 -

Along ^{steep} eroded banks
of ~~river~~ ^{the river}, Puerto Colonia
Uruguay 1-18-37

~~55~~
4956 Cadium

Herb, reaches height 5 ft. Flw. lav.

~~55~~ Very common.

4957 Medicago

Prostrate herb. Sady reaches in places
covered by dry fruits of dead plants.

~~55~~ SI.

4958 Comp

554959

This very common in no part of Uruguay
I believe it might be valuable honey

~~55~~ plant.

4960 Comp

~~55~~ Very common weed, reaches height 6 ft

4961 Comp

Not common. Stalks unbranched below

~~55~~ 6-10 ft.

4962 Umbell.

~~55~~ Very common

4963

Prostrate Flw orange red

~~55~~ 4964 Amaranthus
prostrate.

4964-4983

~~55~~
4965 Grass

~~55~~
4966 Grass

~~55~~ 4967 "

~~55~~ 4968 "

~~55~~ 4969 Leg.

Bushy shrub 6-8 ft. Fls yellow
Grazed by stock. Saw one cult as
ornamental "Cola de caballo" used
as remedy.

~~55~~ 4970

Comp

^{5m} Prostrate ^{male} flw heads ^{female} ^{ray} petals pink at first, pale ^{flw}
yellow - almost white after opening.

~~55~~ 4971 Nicotiana

Fls tube green, lip white ST

~~55~~ 4972 Malv.

Shrub 1 ft. Petals rose

~~55~~ 4973 Convol.

Vine prostrate on road. Fls white

Branches 2-8 ft. long

~~55~~ 4974 Cereus

~~55~~ 4975 Grass

~~55~~ 4976 "

~~55~~ 4977 "

~~55~~ 4978 "

~~55~~ 4979 "

~~55~~ 4980 "

~~55~~ 4981 "

~~55~~ 4982 "

~~55~~ 4983 "

4984-5601

~~55~~
4984

Puerto Nuevo, Buenos Aires Argentina

Jan 23, 1937.

Prostrate, branches 1-4 ft long.

Apparently drought resistant night

~~55~~ be erosion control.

4985-5601

Peanut strains presented by Sr.

Clos, Laboratorio de Botánica,

Min. Agr. B. Aires. Dec 22, 1937

Pure strains, selection.

SI. only HHS

~~49~~

common
name

strain
no.

Origin

A.H.

~~55~~

4985 "negro" 198-2 E. pt. plots of Facultad de Agron. y Vet. de B. Aires.

4986 (rastrero) 833-2 China

4987 "colorado" 901-1 Tucumán

4988 "negro" #1000-1 Tucumán (market)

4989 "negro" 1002-1 Misiones (Loreto)

4990 "colorado" 1039-1 Córdoba

4991 rastrero 1042-1 Mamopas (Tucumán)

4992 "negro" 1048-a Corrientes

4993 1051-1 Reconquista (Santa Fe)

4994 1053-6 Monte Caseros (Santa Fe)

4995 "colorado" 1066-1 Córdoba

4996 " 1068-1 Colonia Yervá (Entre Ríos)

4997 "blanco" 1070-1 Córdoba

4998 "Indio" 1119-a Misiones

4999 "Imperial" 1120-a Tucumán (E. pt. Sta.)

5600 1122-1 Concordia (Entre Ríos)

5601 1131-1 Chajarí (Entre Ríos)

5002-5004

5002 - 5004 Peanut strains presented
by Sr. ~~Mr~~ Canela of the Intercambio
de Plantas & Semilla Min. Agr.
B. Aires, Jan 22 1937. The white
skinned type is called "Aceitoso"
& is considered most important for oil
extraction. All three are fairly
pure strains.

5002 Cult peanut "Mani Colorado"
Orig. Rio Cuarto (Cordoba)
5003 " " "~~Aceitoso~~ "Mani Colorado"
Santa Tome (S. Fe.)
5004 " " "Aceitoso"
"Mani Blanco"

SI only From Santa Tome (Santa Fe)

5005 Cucurbita andreae

Cordoba Argentine 1936

Seed presented by Dr. Parodi of
the Facultad de Agronomía B. Aires

SI only

5006 - 5024 Tob. seed presented by Sr.
Seccion Tabaco, Division
Estaciones Experimentales, Min. Agr.
B. Aires Argentina.

5006

"Criollo Salteño"

5007

"Criollo Salteño"

5008

"Chileno Colorado / Hoja"

5009

"Chileno Colorado / Hoja"

5010

"Chileno Colorado Gigante Santa Cruz"

5011-5024

~~5011~~

"Chileno Colorado Gigante Santa Cruz"

~~5012~~

"Lampago"

~~5013~~

"Hoja Parada"

~~5014~~

"Hoja Parada"

~~5015~~

"Crisollo Colorado"

~~5016~~

"Crisollo Colorado"

~~5017~~

"Crisollo Colorado"

~~5018~~

"Crisollo Colorado"

~~5019~~

"Chileno Grande Colorado"

~~5020~~

"Chileno Grande Colorado"

~~5021~~

"Chileno Grande Amarillo"

~~5022~~

"Chileno Grande Amarillo"

~~5023~~

"Chileno Correntino"

~~5024~~

"Chileno Correntino"

#5025-5035

~~near Caju de Sol,~~
Serra do Cipó,
Brazil. 8-5-36.

5025-5036

(Minas Geraes)

5025 Lentibular.

5026 Gramineae

5027 Cassia cathartica

used as tea like "senna"

5028 Gramineae

5029 Leg. Pap.

5030 Labiatae

5031 Leg?

5032 Droseraceae

5033 "

5034 Polypod.

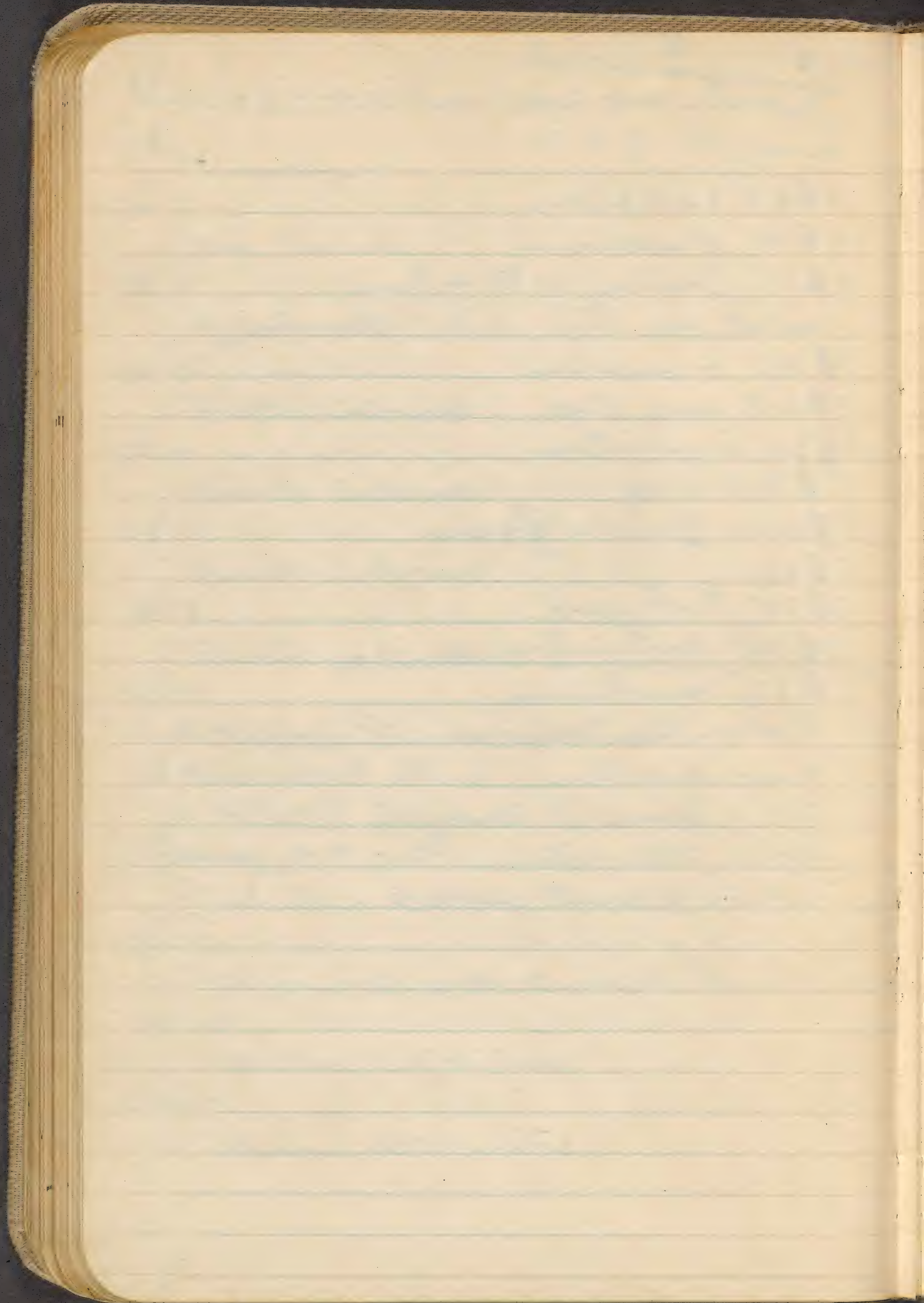
5035 Melastomaceae

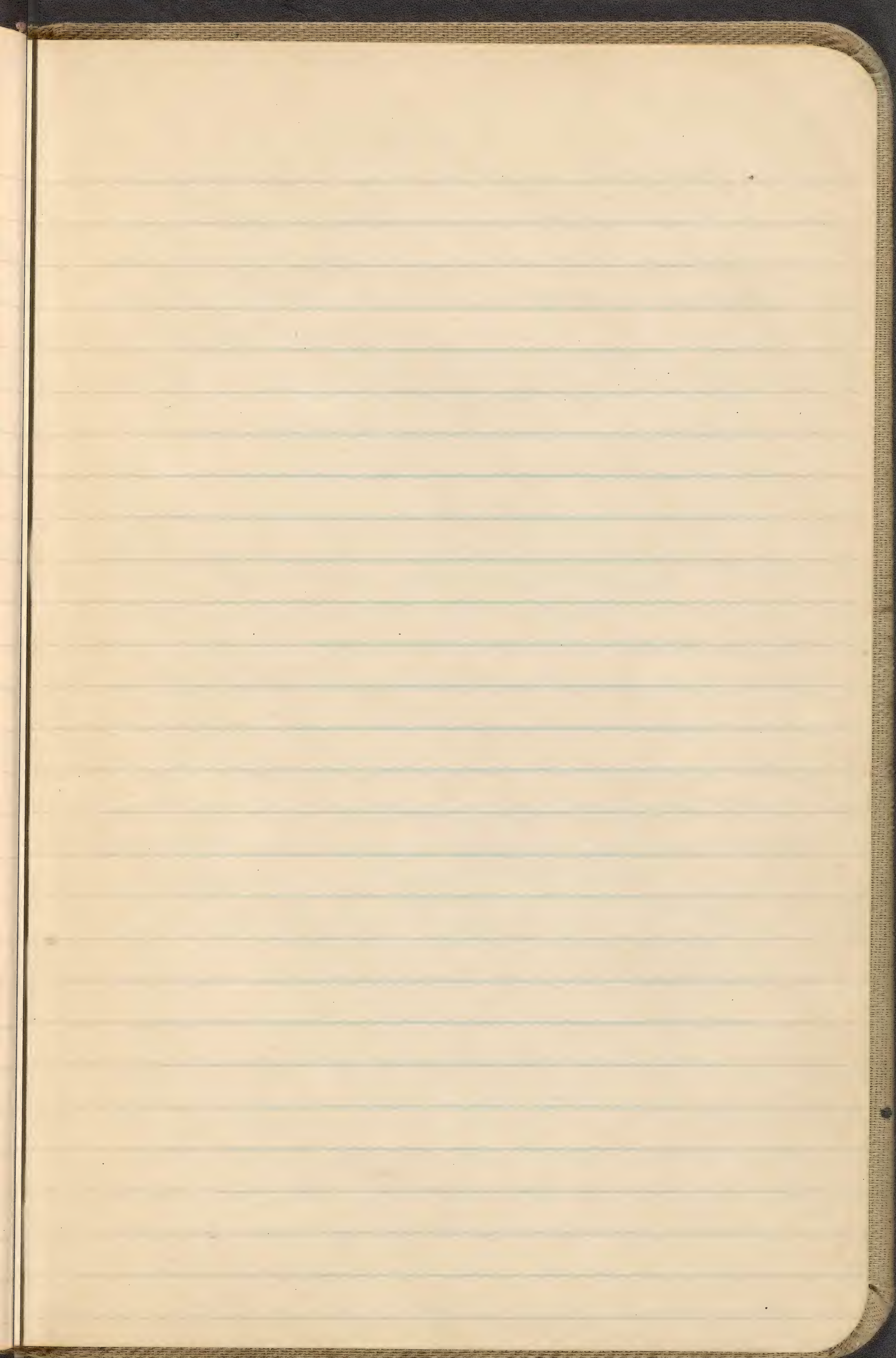
5036 Nicotiana

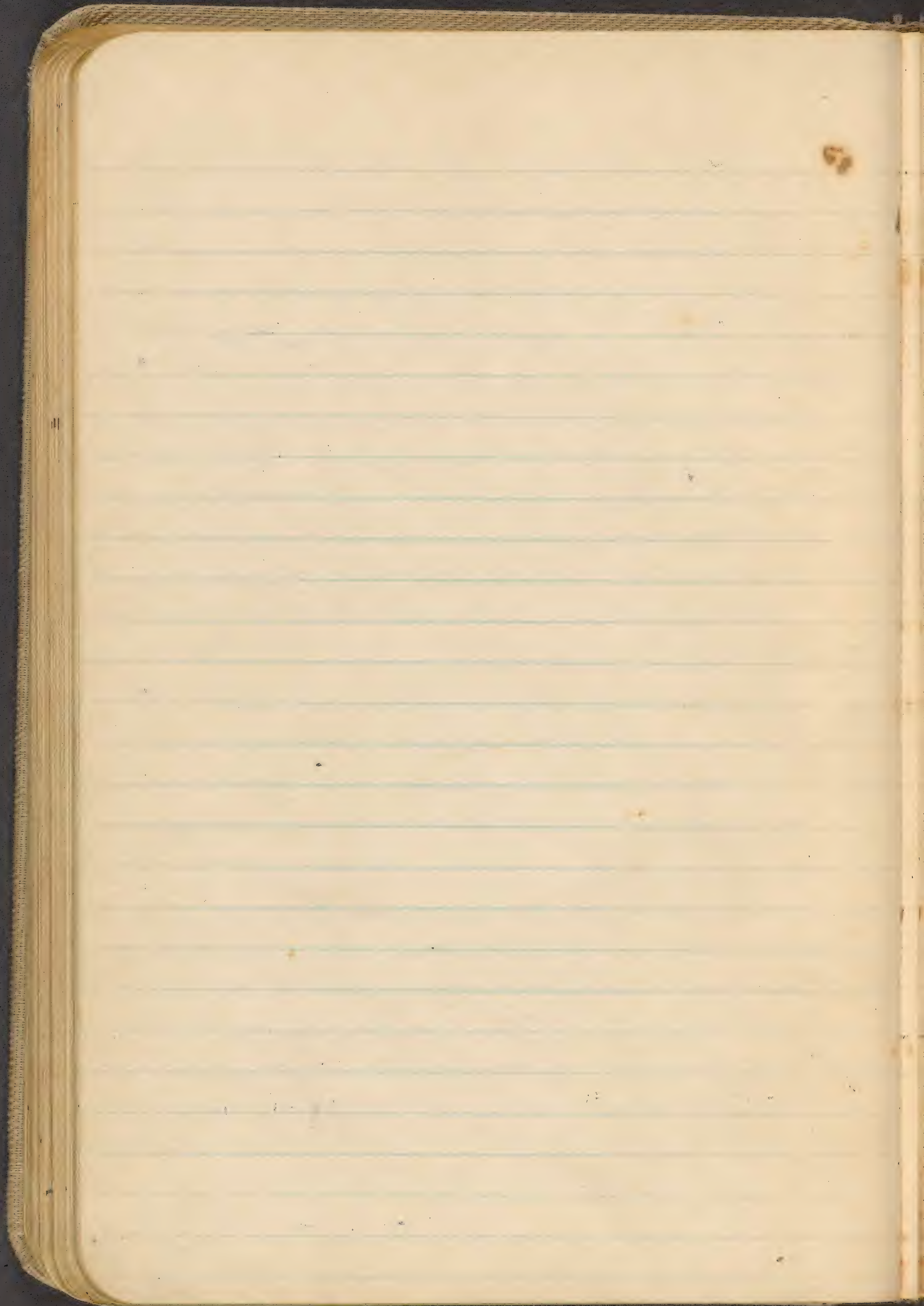
Volunteer tobacco. "Fumo bravo"

Near dwelling, Belo Horizonte,
(M. Geraes) Brazil. 8-78-36

Herb, two meters. Flw. tube ~~pink~~,
white, limb pink.

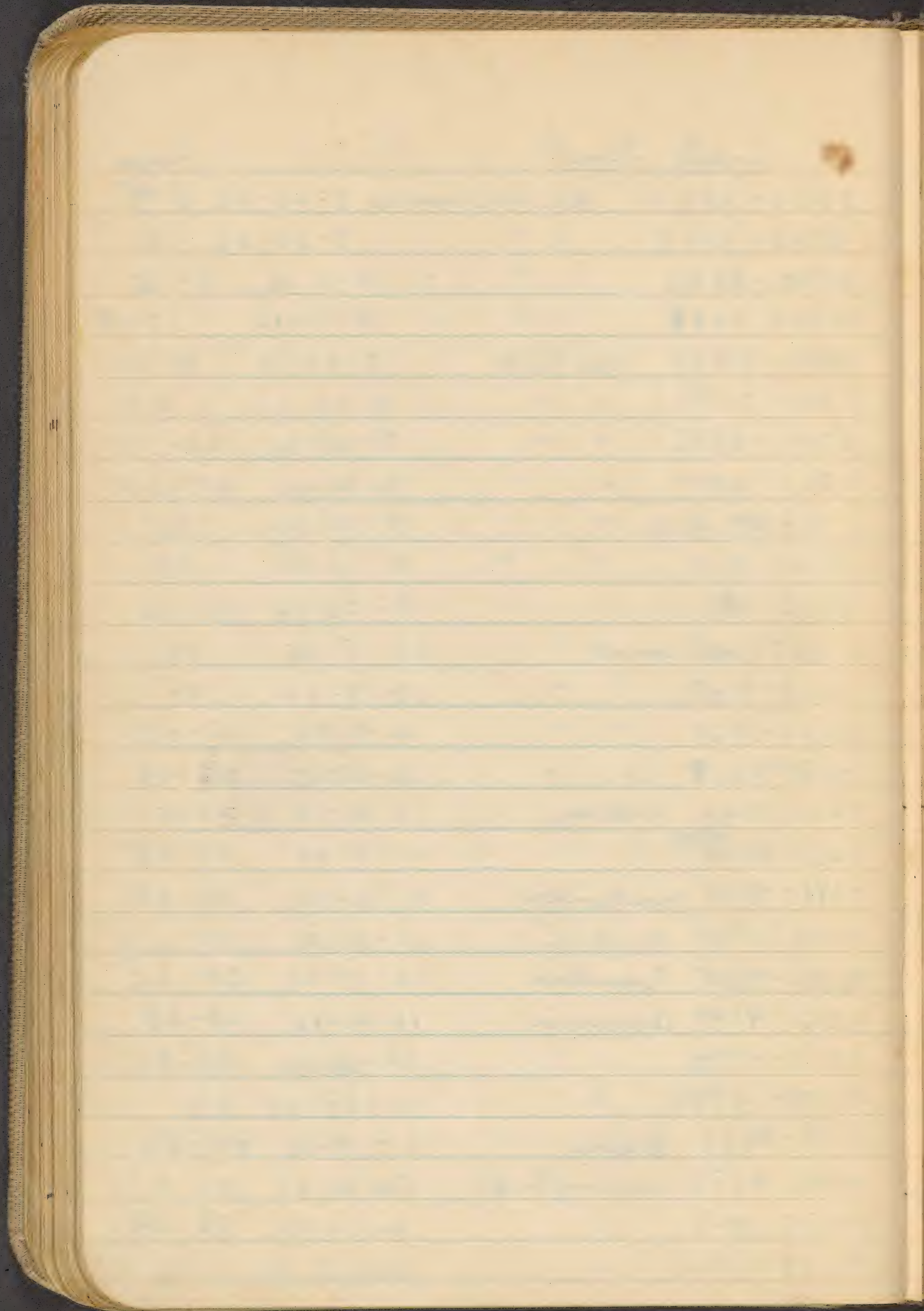


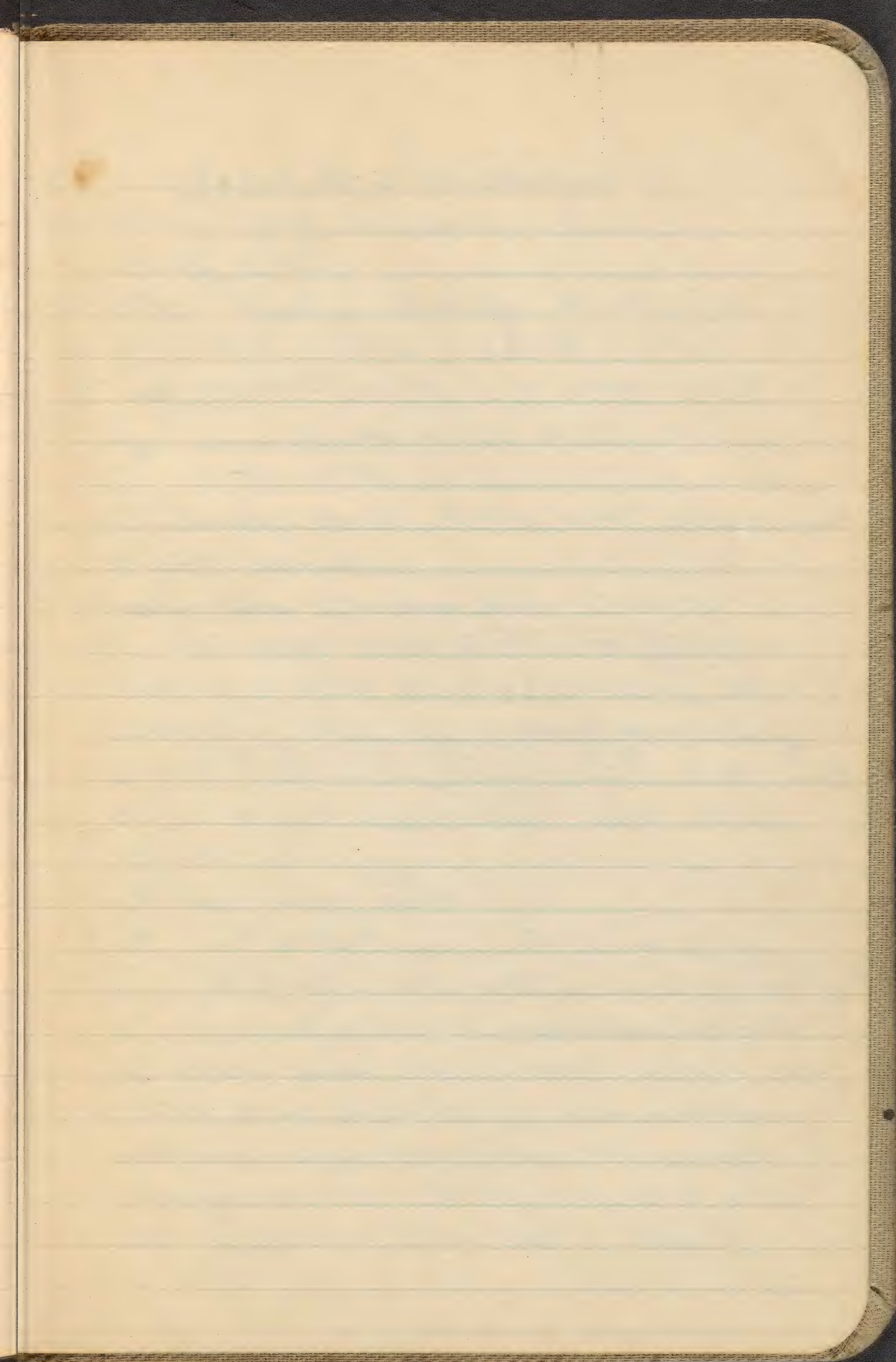


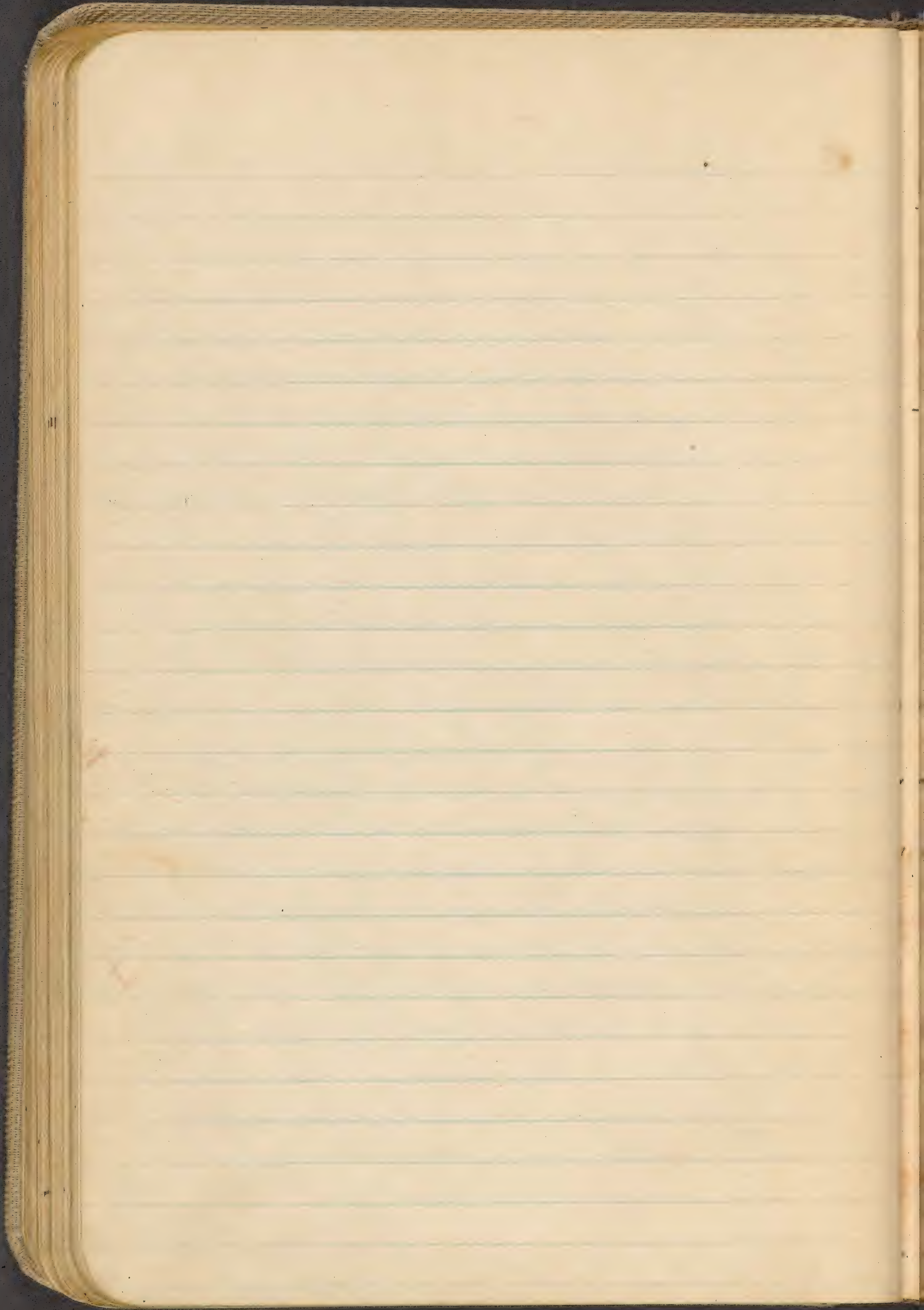


Lists Sent

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3503-3507	" " "	7-30-36	5
3508-3681	" " "	8-11-36	6-16
3682-3694	" " "	8-14-36	17-18
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3734-3740	" "	8-26-36	22
3741-3956	" "	8-29-36	23-34
3957-3997	" "	9-14-36	35-37
3998-4020	" "	9-15-36	38
4021-4031	" "	9-16-36	39
4032-4116	" "	9-30-36	40-43
4117 + add. & correct.	" "	10-5-36	44
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4701-4777	" "	12-30-36	70-72
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4948-4984	Washington DC	Feb 20-37	81-82
4985-5024	" "	Mar 13-37	83-84
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Records of Shipments

- 7-24-36 ① 1 pkg air express Rio
Sdlg I 3462
- 7-27-36 2 pkgs Amer Leg. Rio de Jan.
- ② I S.I. 3464-3492, 3494, 3496
- ③ II Sdlg I 3497-3498, SI 3499-3502
- 2 pkgs Amer Embassy Rio de Jan. 7-30-36
- ④ I 3503-3505
- ⑤ II Books to hold. 3493, 3495, 3506 & cured
Tob. samples
- 7 pkgs Amer. Embassy Rio. 8-14-36
- ⑥ I. S.I. 3507-3569, 3587-3590, (3582)
3610; 3613, 3617-3635, 3637-3641, 3660
1 box Brazilian Tea, 1 book by Warming.
- ⑦ II SI (3583-3585, (3570-3581), 3591-3602
3642-3659, 3661-3666, 3670-3672,
3676.
- ⑧ III^{SI.} 3667-3669, RCI 3675
- ⑨ IV 1 set detail maps state Minas Gerais
- ⑩ V 1 lot books & pamphlets presented by ^{Minas Gerais} Dept Agr
- ⑪ VI 1 exposed film to be developed & printed
- ⑫ VII Herb. Spec. 3462, 3463, 3603-3615,
3635, 3636, 3671-3683; Also 6 Herb spec.
of *Arachis* presented by Museo Nacional;
Fungi H 270, 271; 2 samples of cured
tob. leaf & 1 bull. on tob. culture.

- 4 pkgs Amer. Embassy Rio. 8-15-36

(13) I. SI 3586, 3616, 3675, 3684-3688.
+ photos & hold.

(15-17) II III IV Books & Pamphlets.

- 5 pkgs Amer Embassy Rio 8-16-36

(18) V SI. 3691-3694, (19) VI Sdly I. 3689

(20) VII Books & pamphlets, (21) (22) VIII IX Periodicals
+ Books for U.S. Library

- 4 pkgs Consul Sao Paulo 8-24-36

(23) I. SI. 3695, 3696, 3698-3707, 3730, 3731

(24) II S.I. 3696, 3708-3724, 3729, 3732, 3733

(25) III Books & pamphlets, & hold

(26) IV Catalogs & periodicals & U.S.D.A. Library

- 3 pkgs Consul S. Paulo 8-26-36

(27) I S. I. 3734-3740, (28) II & III Books & hold.

- 2 pkgs Consul S. Paulo 8-31-36

(30) I. S I. 3741-3956, (31) II RCI 3690 (bulbs)

- 2 pkgs Air express Campo Grande to Am. Consul S. Paulo 9-8-36

(33) II RCI. 3970, Sdly I. 3975, (32) I RCI. I. 3965,

3966, 3968, 3978-3982, (34) III RCI 3990-3992

- 4 pkgs Am. Consul S. Paulo. 9-14-36

(35) Ist I. 3964, 3975, 3986-3988, (36) II SI 3958-3962

3965-3969, 3971, 3973, 3974, 3976, 3982, 3990

3992, 3994, 3996-4014, RCI 3995 (Bym). ^{maps} Brazil

(37) III RCI 3983, 3985, 3957, SI 3963.

(38) IV Books & hold for W.A.A.

- 4 plegs Am. Consul S. Paulo 9-16-36

(39) I RCI 3984, 3993, 4017, 4020

(40) II RCI 4015, 4016, 4018, 4019

(41) III 3972, 3989, 4024-4026, 4028-4030

(42) IV Tech. bulle. Campinas for USDA library

- 6 plegs. Express from B. Horizonte to Am. Embassy Rio 9-28-36

(43) I. 4021-4023, 4034-4042, 4048-4057, 4062-4074,
4076-4090a, 4092-4109, 4111, 4112, 6 sheets

from Escola Agr. de Lavras. H-272. O Agr. Consul

no 2. 1 book hold Archer. 1 plag hold Archer

knife & horn boxes. (44) II RCI 4091. (45) III SI 4027

4031, 4032, 4033, 4038, 4039, 4043-4048, 4058, 4060

4061, 4070, 4072-4074, 4078, 4081, 4082, 4086

4113 (46) IV V VI, 100 herb. spec. Serra do Cipó
M. Barreto & Archer.

- 1 air express S. Paulo 10-2-36

(44) RCI 4071

- 4 plegs Amer. Consul. S. Paulo 10-5-36.

(50) I Herb Spec. 3725-3727, 3745, 4075, 4086,

~~4090~~, 4091, 4101, 4110. 1 publ. Campinas ^{for} USDA

Library; 1 bull on tol for Clayton. 1 wax palm bull.

(51) (52) for PEI. II III Books to hold for Archer,

(53) IV 4 samples tob. Dr Clayton: RCI 4091, ^{sent once before}

SI. 4059, 4080, 4085, 4116, 4117. RCI. 4114, 4115.

Herb Spec. 3981, 3989, 3992, 3994 (these to be held
for sheets to use later; 1 plag fotos & books to

hold for Archer; 1 book for Erlanson.

- 5 pkgs Amer. Consul Sao Paulo 10-8-36
 - (54) I Herb spec. 4118, 4120-4123. Books & Seed Catalog
 - (55) II Books fotos negatives to hold
 - (56) III " to hold 1 plot publ. presented Hoehne
 - (57) IV Books to hold
 - (58) V Publ. presented by Hoehne
- 1 pkg air express S. Paulo 10-8-36
 - (59) RCI 4120-4122.
- 4 pkgs Amer. Consul S. Paulo 10-10-36
 - (60) SI 4124-4131 (61) SI 4160-4179 (62) Books presented to PEI by Dr. Hoehne + 1 envelope fotos hold for Archer (63) Books presented PEI by Dr. Hoehne.
- 5 pkgs Amer. Consul S. Paulo 10-16-36.
 - (64) Herb. Spec. 4180-4200, (65) Herb. Spec. 4132-4151 4201-4218. (66) RCI 4118, 4119, 4139, 4152-4159.
 - (67) 1 pkg hold for Archer, 3 journals for USDA Library
 - (68) SI 4200, 4212-4214, 4219.
- 2 pkgs Amer Consul Porto Alegre 10-29-36
 - (69) 4221, 4228, 4241, 4254, 4265, 4266
 - (70) SI 4255-4264, RCI 4230
- 2 pkgs air express Porto Alegre 11-5-36
 - (73) SCI 4339-4343 (76) RCI 4272
- 4 pkgs Amer Consul Porto Alegre 11-5-36
 - (71) Herb Spec. 4220, 4222-4240, 4267, 4268, 4271-4305. Fungus H-273 also correspondence file
 - (72) 2 ref. books 1 nursery catalog
 - (74) SI 4211, 4220, 4222, 4269, 4270, 4306-4321, 4323, 4344-4369. RCI 4274. 1 plot bull. L. to USDA

(75) SI. 4370-4398. Taken by Gene. from ~~Thup~~ Tupacaretem.

~~77~~ 2 pkgs. Amer. Embassy Rio de Jan. 11-16-36

(77) SI 4273, 4276, 4329, 4406, 4407, 4420, 4423,
4426-4428 RCI 4409.

(78) Herb. Spec. 4324-4338, 4399-4405, 4408-4421,
~~also H-274~~
4423-4425 1 Herb. Spec. Arachis by Anacreonte.

— 2 pkgs Am. Embassy Montevideo Urug. 11-17-36

(79) Herb Spec. 4420 (Sheet 2), 4422, 4423, 4429-4431,
4433-4446.

(80) RCI 4432, 4436. SI. 4230, 4303, 4424, 4430,
4447

— 1 pkg air express Montevideo 11-17-36

(81) RCI 4429, 4439

— 1 pkg Am. consul B. A. 11-22-36

(82) SI 4448, 4452, 4454, 4458-4461.

RCI 4435, 4456, 4457

— 5 pkgs Am. Consul B. A. 11-30-36

(83) SI 4484-4489 (84) SI 4462-4472,
4474-4483 (85) SI 4473, 4490-4525,
4557

(86) SI 4526-4552, 4556, 4558-

4567, 4570, 4581, 4599. ^{10 Spec Clayton} ^{RCI} (87) 4553-4555

(88) H-274 Herb Spec 4432, 4435, 4448-4456,
4560, 4568-4570, 4573-4593, 4595, 4598.

10 Spec. Arachis from Cloz. 1 map Brazil

1 RR guide, 1 read catalog = F. de Agromia

Herb. # 7136; 13765;

15508; 24067; 26540

43, 719; 32269;

51061, 51613.

- 2 pkgs from Posadas 12-13-36 Tam Emb.
 (89) SI 4435, 4600-4607, 4614, 4616, 4617.
 4622, 4623
 (91) H 275, H-276, H. spec. 4571, 4572
 4594, 4608-4615, 4618-4621, 4624-4633
- 1 pkg from Posadas to Nykus air express ¹²⁻¹²⁻³⁶
 (90) RCI 4624
- 1 pkg from Posadas 12-14-36 Tam Emb.
 (92) SI. 4608, 4609, 4618, 4621, 4625, 4634
 4635
- 4 pkgs. Asuncion 12-26-36
 (93) SI. 4636, 4638-4654, 4659-4661,
 4685, 4686, 4693-4699, 4701, 4704-4707.
 Tob. spec. 4649. RCI 4662.
 (94) Herb spec. 4636, 4637, 4655-4657, 4663-4684,
 4687-4691, 4699.
 (95) Plante Hassleriana Vol 2; 4 land snails;
 SI 4655, 4684, 4699, 4702, 4703, 4712-4714, 4721,
 4757, 4762-4767, 4773.
 (96) Sdlg I 4771.
- 3 pkgs Asuncion ~~Dec~~ Jan 3 1937
 (97) Herb spec. 4665, 4691, 4700, 4702, 4703, 4710-4752
 4754, 4755, 4758-4761, 4765-4770a, 4773-
 4776.; 6 spec. donated Jardin Botánico.
 (98) RCI 4791, 4792
 (99) RCI 4756, SI. 4708, 4709, 4772, 4790
 4793-4797.

+ 5 pkgs. Asuncion. Am. Leg. 1-10-37

(100) H.S. 4827, 4838-4873, 4885-4904, 4909;
4 H.S. presented J. Botánico; 1 to 6 spec. 4883;
SI 4877, AS. 4913; S. Coll. 4910-4912.

(101) SI. 4820, 4821, 4758; 4874, 4876, 4878, 4880-4882,
4884, 4909, 4915-4917; H.S. 4758; AS. 4875;
S. del. I. 4907, RCI 4914.

(102) H.S. 4735, 4755, 4758, 4777-4788, 4798-4837.
Arachis from Hassler

(102a) RCI 4904, 4851

(103) Bulletins & Publications Bertoni

~~(104)~~

- 2 pkgs Asuncion 1-17-37

(104) SI, 4790, 4850, 4879, 4886, 4896, 4912, 4919,
4922-4924, 4946, 4947; RCI 4921, 4944, 4945
S. del. I. 4906

(105) H.S. 4907, 4908, 4924-4927, 4929-4935
21 H.S. presented Jardin Botánico

~~(106)~~

- 3 pkgs B. Aires 1-22-37

(106) Herb. spec. 4906-4908, 4918, 4920, 4928, 4933
4936-4944, 4948, 4952-4983. 1 spec Rojas

(107) Peanut pure strains presented by Cloz

(108) Reprints presented by Molino

